

Converting Colors

$Yxy(87.1527, 0.3050, 0.3262)$

Have a look what the booklet for
Yxy(87.1527, 0.3050, 0.3262)
contains.

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Color

Yxy(87.2526, 0.3045, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	E8F2F5
RGB	232, 242, 245
RGB Percent	91%, 95%, 96%
CMY	0.0901, 0.0510, 0.0391
CMYK	0.05, 0.01, 0.00, 0.04
HSL	194°, 39%, 94%
HSV	194°, 5%, 96%
XYZ	81.5232, 87.2526, 98.9523
YIQ	239.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

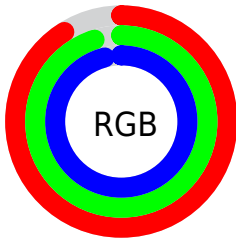
Format	Color
R _Y B	232, 238, 245
Decimal	15266549
CIE Lab	94.85, -2.72, -2.61
CIE LCh	95, 3.770, 223.853
Yxy	87.2526, 0.3045, 0.3259
Android (android.graphics.Color)	4293456629 (0xFFE8F2F5)
YUV	239.3520, 2.7845, -6.4477
Hunter-Lab	93.4091, -7.6792, 2.5779

Details

The Yxy color **87.2526, 0.3045, 0.3259** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.7016, 0.3213, 0.3321**, and the grayscale version is **86.5940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.0220, 0.3022, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **80.0837, 0.2891, 0.3196**, and if you desaturate by 10%, it is **94.8146, 0.3190, 0.3316**.

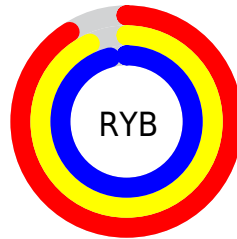
Distribution



Red (91%)

Green (95%)

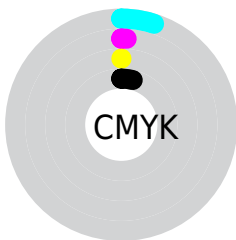
Blue (96%)



Red (91%)

Yellow (93%)

Blue (96%)

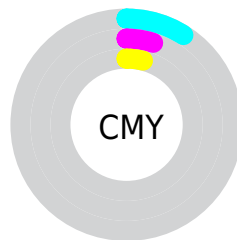


Cyan (5%)

Magenta (1%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 87.2526, 0.3045, 0.3259 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 87.2526, 0.3045, 0.3259 by changing the saturation by 10% instead.

87.2526, 0.3045,
0.3259

87.2526, 0.3045,
0.3259

519.0525, 0.3082,
0.3273

65.7043, 0.3037,
0.3256

143.5162, 0.3058,
0.3264

48.0324, 0.3027,
0.3252

179.0002, 0.3062,
0.3266

33.8525, 0.3015,
0.3247

219.8982, 0.3067,
0.3267

22.7803, 0.2999,
0.3241

266.5947, 0.3070,
0.3269

14.4314, 0.2978,
0.3233

319.4740, 0.3074,
0.3270

8.4213, 0.2949,
0.3221

378.9204, 0.3077,

4.3657, 0.2906,

0.3271

445.3185, 0.3079,
0.3272

0.3203

1.8802, 0.2835,
0.3174

0.5364, 0.2539,
0.3071

87.2526, 0.3045,
0.3259

87.2526, 0.3045,
0.3259

80.0837, 0.2891,
0.3196

94.8146, 0.3190,
0.3316

73.5649, 0.2741,
0.3127

98.3819, 0.3186,
0.3371

67.6738, 0.2597,
0.3053

99.3743, 0.3185,
0.3386

62.3822, 0.2463,
0.2974

■ 57.6598, 0.2343,
0.2890

■ 53.4727, 0.2240,
0.2805

■ 49.7831, 0.2155,
0.2717

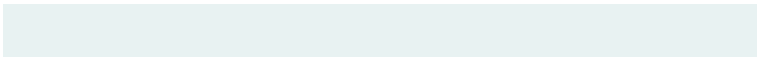
■ 46.5469, 0.2091,
0.2630

■ 43.7101, 0.2045,
0.2543

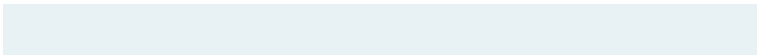
Harmonies

Analogous

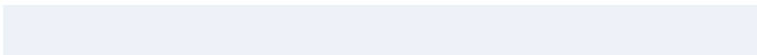
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2526, 0.3062, 0.3297



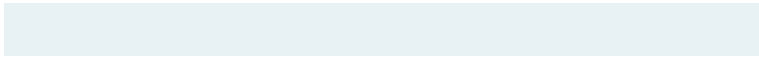
87.2526, 0.3045, 0.3259



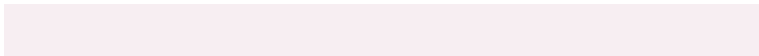
87.2526, 0.3050, 0.3230

Triad

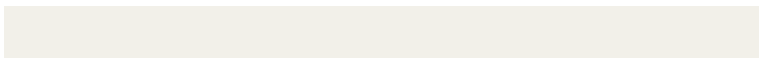
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2526, 0.3045, 0.3259



87.2526, 0.3158, 0.3248



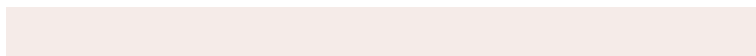
87.2526, 0.3179, 0.3364

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



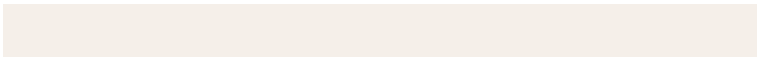
87.2526, 0.3045, 0.3259



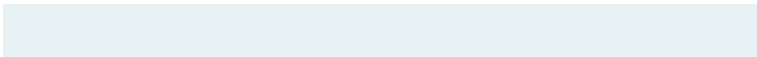
84.7016, 0.3213, 0.3321

Split Complementary

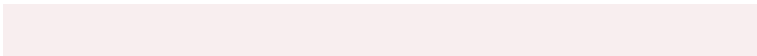
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.2526, 0.3205, 0.3350



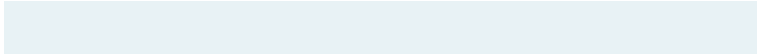
87.2526, 0.3045, 0.3259



87.2526, 0.3193, 0.3283

Square

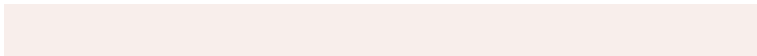
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



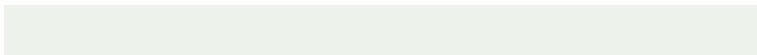
87.2526, 0.3045, 0.3259



87.2526, 0.3114, 0.3224



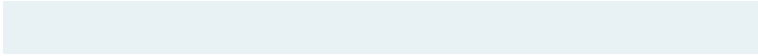
87.2526, 0.3210, 0.3321



87.2526, 0.3140, 0.3358

Rectangle

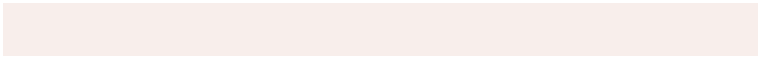
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.2526, 0.3045, 0.3259



87.2526, 0.3065, 0.3219



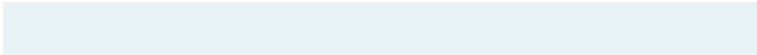
87.2526, 0.3210, 0.3321



87.2526, 0.3190, 0.3362

Sweetspot

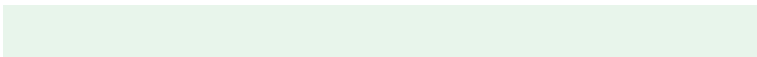
The Sweet Spot groups the original color and five complimentary colors.



87.2563, 0.3045, 0.3259



98.2880, 0.3096, 0.3279



88.4854, 0.3103, 0.3392



21.0557, 0.3098, 0.3279



0.0000, 0.0000, 0.0000



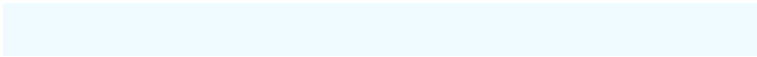
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2563, 0.3045, 0.3259



94.9542, 0.3034, 0.3255



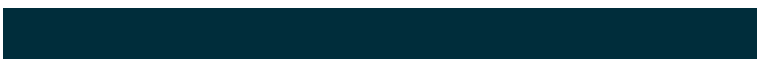
83.4586, 0.3046, 0.3193



18.5104, 0.3024, 0.3251



23.0999, 0.2033, 0.2517



2.1854, 0.2063, 0.2625

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



83.5603, 0.3152, 0.3191



90.3957, 0.3156, 0.3177



88.4902, 0.3208, 0.3386



17.5294, 0.3159, 0.3165



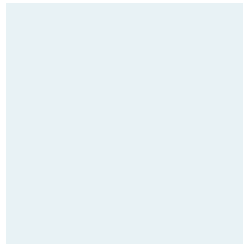
12.4313, 0.3905, 0.1925



1.1082, 0.3799, 0.1867

Previews

White Background



This preview shows how the Yxy color 87.2526, 0.3045, 0.3259 looks on a white background.

Color Contrast Check

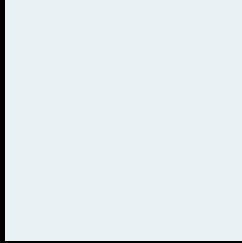
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 87.2526, 0.3045, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

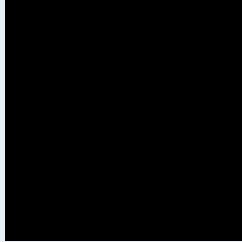
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

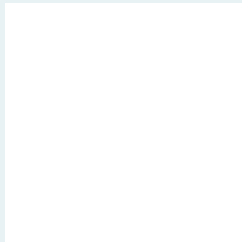
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.2526, 0.3045, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 87.2526, 0.3045, 0.3259.

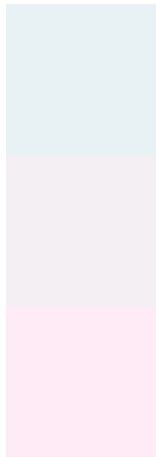


This preview shows how white text looks on a background with the Yxy color 87.2526, 0.3045, 0.3259.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.2526, 0.3045, 0.3259

Protanopia

87.2588, 0.3129, 0.3250

Deuteranopia

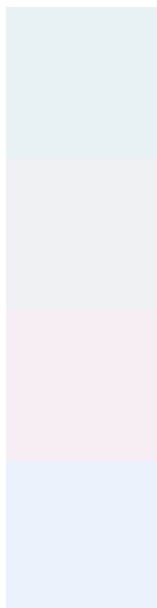
87.2692, 0.3199, 0.3193



Tritanopia

87.3730, 0.3012, 0.3140

Trichromacy



Original Color

87.2526, 0.3045, 0.3259

Protanomaly

87.2026, 0.3096, 0.3250

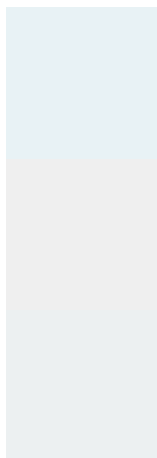
Deuteranomaly

87.5158, 0.3144, 0.3221

Tritanomaly

87.5378, 0.3029, 0.3190

Monochromacy



Original Color

87.2526, 0.3045, 0.3259

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.5039, 0.3095, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.2526, 0.3045, 0.3259 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 242, 245)` looks like.

```
.text, #text, p{  
    color:rgb(232, 242, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 242, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 242, 245) }
```

Border

The CSS property to change the border of an element to Yxy 87.2526, 0.3045, 0.3259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 242, 245) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 242, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 242, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 242, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 242, 245);  
box-shadow:4px 4px 4px 4px rgb(232, 242,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 87.2526, 0.3045, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 242, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
242, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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