

Converting Colors

Yxy(81.2633, 0.3127, 0.3300)

Have a look what the booklet for
Yxy(81.2633, 0.3127, 0.3300)
contains.

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Color

Yxy(81.2598, 0.3127, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	E8E9E8
RGB	232, 233, 232
RGB Percent	91%, 91%, 91%
CMY	0.0899, 0.0863, 0.0901
CMYK	0.00, 0.00, 0.00, 0.09
HSL	117°, 2%, 91%
HSV	117°, 0%, 91%
XYZ	76.9998, 81.2598, 87.9822
YIQ	232.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

Format	Color
R _Y B	232, 233, 233
Decimal	15264232
CIE Lab	92.25, -0.47, 0.35
CIE LCh	92, 0.589, 143.614
Yxy	81.2598, 0.3127, 0.3300
Android (android.graphics.Color)	4293454312 (0xFFE8E9E8)
YUV	232.5870, -0.2894, -0.5148
Hunter-Lab	90.1442, -5.2804, 5.2330

Details

The Yxy color **81.2598, 0.3127, 0.3300** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **80.9190, 0.3127, 0.3280**, and the grayscale version is **81.1703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8090, 0.3127, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **76.5413, 0.3122, 0.3559**, and if you desaturate by 10%, it is **86.6097, 0.3132, 0.3077**.

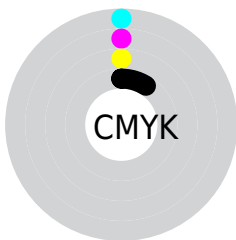
Distribution



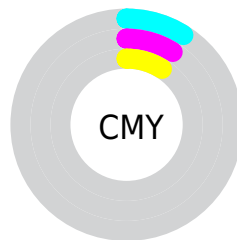
- Red (91%)
- Green (91%)
- Blue (91%)



- Red (91%)
- Yellow (91%)
- Blue (91%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.2598, 0.3127, 0.3300 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 81.2598, 0.3127, 0.3300 by changing the saturation by 10% instead.

■ 81.2598, 0.3127,
0.3300

■ 81.2598, 0.3127,
0.3300

499.1684, 0.3127,
0.3296

■ 60.7556, 0.3127,
0.3301

135.1355, 0.3127,
0.3298

■ 44.0280, 0.3127,
0.3302

169.2758, 0.3127,
0.3298

■ 30.6925, 0.3127,
0.3304

208.7302, 0.3127,
0.3297

■ 20.3648, 0.3127,
0.3306

253.8832, 0.3127,
0.3297

■ 12.6605, 0.3127,
0.3308

305.1191, 0.3127,
0.3297

■ 7.1952, 0.3127,
0.3312

362.8223, 0.3127,

■ 3.5845, 0.3126,

0.3296

0.3318

427.3773, 0.3127,
0.3296

■ 1.4439, 0.3126,
0.3328

■ 0.2488, 0.3123,
0.3455

■ 81.2598, 0.3127,
0.3300

■ 81.2598, 0.3127,
0.3300

■ 76.5413, 0.3122,
0.3559

■ 86.6097, 0.3132,
0.3077

■ 72.4397, 0.3116,
0.3852

■ 86.7497, 0.3137,
0.3078

■ 68.9327, 0.3107,
0.4176

■ 65.9929, 0.3096,
0.4524

■ 63.5902, 0.3082,
0.4881

■ 61.6923, 0.3067,
0.5225

■ 60.2631, 0.3050,
0.5529

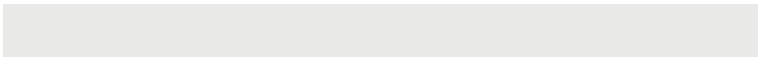
■ 59.2619, 0.3033,
0.5766

■ 58.6406, 0.3017,
0.5920

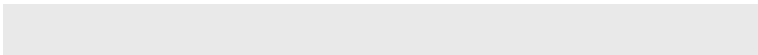
Harmonies

Analogous

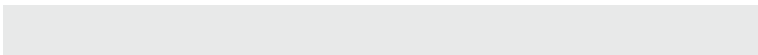
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2598, 0.3134, 0.3302



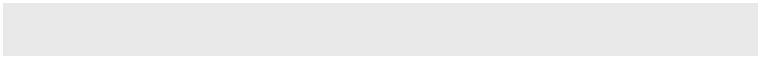
81.2598, 0.3127, 0.3300



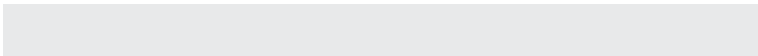
81.2598, 0.3120, 0.3295

Triad

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



81.2598, 0.3127, 0.3300



81.2598, 0.3116, 0.3280



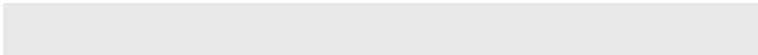
81.2598, 0.3139, 0.3291

Complementary

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



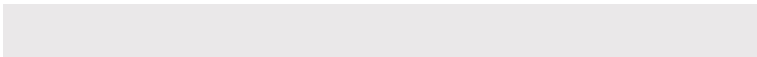
81.2598, 0.3127, 0.3300



80.9190, 0.3127, 0.3280

Split Complementary

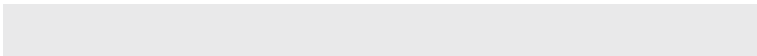
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2598, 0.3134, 0.3285



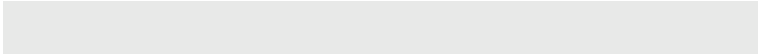
81.2598, 0.3127, 0.3300



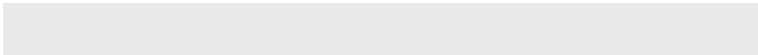
81.2598, 0.3121, 0.3278

Square

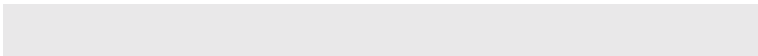
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



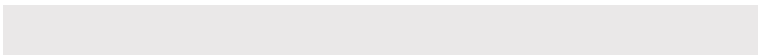
81.2598, 0.3127, 0.3300



81.2598, 0.3114, 0.3284



81.2598, 0.3128, 0.3280



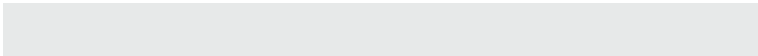
81.2598, 0.3141, 0.3297

Rectangle

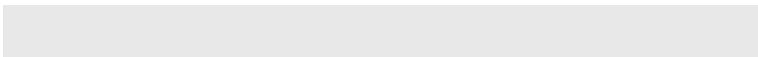
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



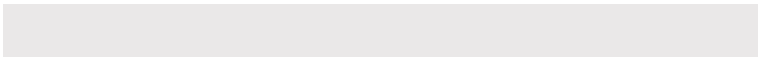
81.2598, 0.3127, 0.3300



81.2598, 0.3117, 0.3291



81.2598, 0.3128, 0.3280



81.2598, 0.3138, 0.3289

Sweetspot

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



81.2633, 0.3127, 0.3300

100.0000, 0.3127, 0.3290



81.3907, 0.3133, 0.3300



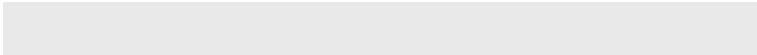
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

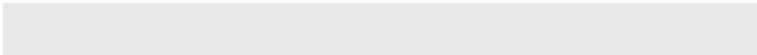
Same Dimension

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



81.2633, 0.3127, 0.3300

100.0000, 0.3127, 0.3290



81.2804, 0.3124, 0.3296



17.8868, 0.3127, 0.3290



33.1233, 0.3010, 0.5992



2.6130, 0.3038, 0.5969

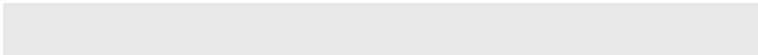
Inverse Universe

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



80.9190, 0.3127, 0.3280

100.0000, 0.3127, 0.3290



80.9019, 0.3130, 0.3285



17.8868, 0.3127, 0.3290



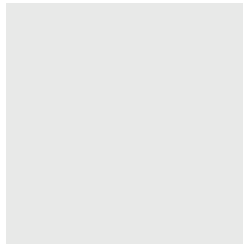
12.1644, 0.3091, 0.1477



0.9664, 0.3109, 0.1486

Previews

White Background



This preview shows how the Yxy color 81.2598, 0.3127, 0.3300 looks on a white background.

Color Contrast Check

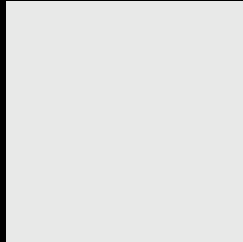
Large Text (above 18pt) WCAG AA × Fail

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 81.2598, 0.3127, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

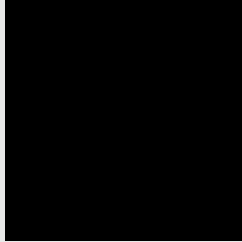
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

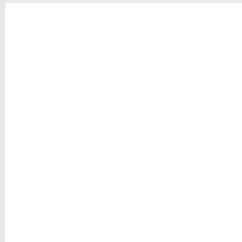
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.2598, 0.3127, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 81.2598, 0.3127, 0.3300.

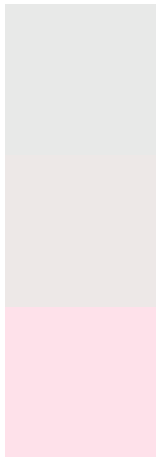


This preview shows how white text looks on a background with the Yxy color 81.2598, 0.3127, 0.3300.

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

81.2598, 0.3127, 0.3300

Protanopia

81.4873, 0.3167, 0.3300

Deuteranopia

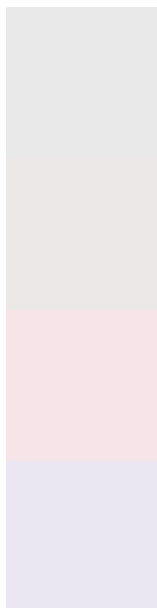
80.8618, 0.3272, 0.3201



Tritanopia

81.0953, 0.3042, 0.3097

Trichromacy



Original Color

81.2598, 0.3127, 0.3300

Protanomaly

81.1449, 0.3154, 0.3300

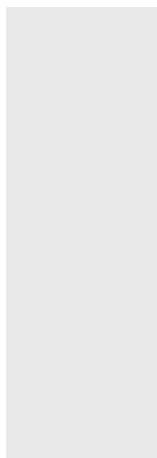
Deuteranomaly

80.9628, 0.3220, 0.3240

Tritanomaly

81.1153, 0.3072, 0.3167

Monochromacy



Original Color

81.2598, 0.3127, 0.3300

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.4847, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.2598, 0.3127, 0.3300 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, 233, 232)` looks like.

```
.text, #text, p{  
    color:rgb(232, 233, 232)  
}
```

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, 233, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 233, 232) }
```

Border

The CSS property to change the border of an element to Yxy 81.2598, 0.3127, 0.3300 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, 233, 232) }
```

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

```
.border{ border-color:rgb(232, 233, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 233, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 233, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 233, 232);  
box-shadow:4px 4px 4px 4px rgb(232, 233,  
232) }
```

Background

The CSS property to change the background color of an element to Yxy 81.2598, 0.3127, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 233, 232) }
```

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

```
.background{ background-color: rgb(232,  
233, 232) }
```

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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