

Converting Colors

$Yxy(78.4278, 0.2972, 0.3187)$

Have a look what the booklet for
Yxy(78.4278, 0.2972, 0.3187)
contains.

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Color

Yxy(78.2544, 0.2973, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	D9E7F1
RGB	217, 231, 241
RGB Percent	85%, 91%, 95%
CMY	0.1489, 0.0941, 0.0550
CMYK	0.10, 0.04, 0.00, 0.06
HSL	205°, 46%, 90%
HSV	205°, 10%, 94%
XYZ	73.0686, 78.2544, 94.4509
YIQ	227.9540, -11.5540, 0.1420

Conversions

Conversions Part 2

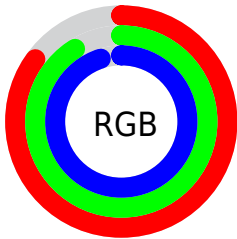
Format	Color
R _Y B	217, 226, 241
Decimal	14280689
CIE Lab	90.90, -2.72, -6.44
CIE LCh	91, 6.990, 247.091
Yxy	78.2544, 0.2973, 0.3184
Android (android.graphics.Color)	4292470769 (0xFFD9E7F1)
YUV	227.9540, 6.4317, -9.6067
Hunter-Lab	88.4615, -7.3679, -1.3812

Details

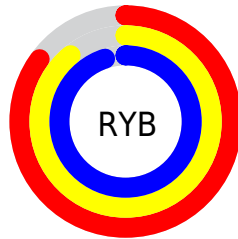
The Yxy color **78.2544, 0.2973, 0.3184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.6386, 0.3291, 0.3394**, and the grayscale version is **77.5089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.8441, 0.2937, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **69.3759, 0.2815, 0.3066**, and if you desaturate by 10%, it is **88.0004, 0.3128, 0.3291**.

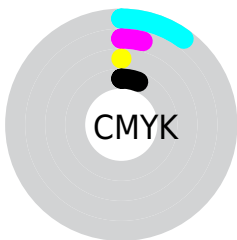
Distribution



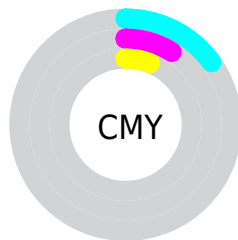
- Red (85%)
- Green (91%)
- Blue (95%)



- Red (85%)
- Yellow (89%)
- Blue (95%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.2544, 0.2973, 0.3184 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 78.2544, 0.2973, 0.3184 by changing the saturation by 10% instead.

■ 78.2544, 0.2973,
0.3184

■ 78.2544, 0.2973,
0.3184

489.0304, 0.3043,
0.3233

■ 58.2830, 0.2957,
0.3173

130.9087, 0.2997,
0.3201

■ 42.0362, 0.2938,
0.3159

164.3603, 0.3007,
0.3207

■ 29.1296, 0.2914,
0.3142

203.0742, 0.3015,
0.3213

■ 19.1789, 0.2882,
0.3120

247.4347, 0.3022,
0.3218

■ 11.7996, 0.2840,
0.3089

297.8261, 0.3028,
0.3222

■ 6.6074, 0.2780,
0.3046

354.6330, 0.3034,

■ 3.2178, 0.2689,

0.3226

0.2979

418.2396, 0.3039,
0.3230

■ 1.2465, 0.2534,
0.2863

■ 0.0992, 0.0406,
0.1448

■ 78.2544, 0.2973,
0.3184

■ 78.2544, 0.2973,
0.3184

■ 69.3759, 0.2815,
0.3066

■ 88.0004, 0.3128,
0.3291

■ 61.3263, 0.2656,
0.2935

■ 96.6423, 0.3212,
0.3387

■ 54.0786, 0.2499,
0.2794

■ 99.1293, 0.3209,
0.3425

■ 47.6000, 0.2350,
0.2643

■ 41.8552, 0.2212,
0.2485

■ 36.8052, 0.2089,
0.2323

■ 32.4059, 0.1986,
0.2159

■ 28.6061, 0.1906,
0.1998

■ 25.3240, 0.1845,
0.1843

Harmonies

Analogous

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



78.2544, 0.2974, 0.3245



78.2544, 0.2973, 0.3184



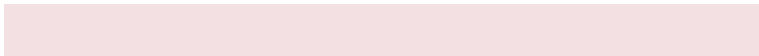
78.2544, 0.3013, 0.3152

Triad

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



78.2544, 0.2973, 0.3184



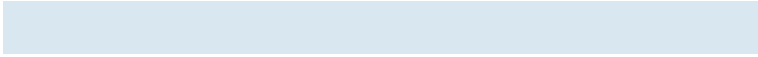
78.2544, 0.3240, 0.3260



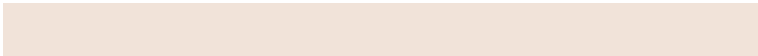
78.2544, 0.3169, 0.3427

Complementary

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



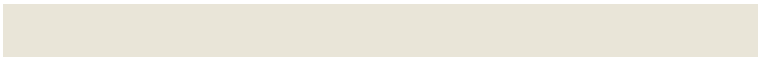
78.2544, 0.2973, 0.3184



78.6386, 0.3291, 0.3394

Split Complementary

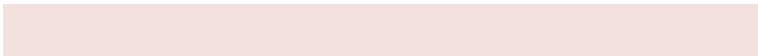
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.2544, 0.3242, 0.3430



78.2544, 0.2973, 0.3184



78.2544, 0.3283, 0.3332

Square

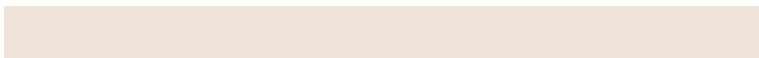
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2544, 0.2973, 0.3184



78.2544, 0.3167, 0.3196



78.2544, 0.3284, 0.3394



78.2544, 0.3086, 0.3387

Rectangle

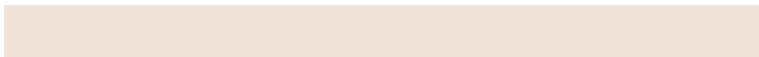
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.2544, 0.2973, 0.3184



78.2544, 0.3058, 0.3151



78.2544, 0.3284, 0.3394



78.2544, 0.3196, 0.3433

Sweetspot

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



78.2577, 0.2973, 0.3184



96.5632, 0.3081, 0.3259



83.1736, 0.3058, 0.3443



20.4752, 0.3069, 0.3251



0.0000, 0.0000, 0.0000



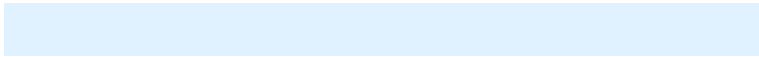
21.4041, 0.3127, 0.3290

Same Dimension

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



78.2577, 0.2973, 0.3184



86.7932, 0.2940, 0.3160



71.9829, 0.2972, 0.3059



16.7621, 0.2980, 0.3189



13.9985, 0.1852, 0.1867



1.3605, 0.1909, 0.2072

Inverse Universe

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



74.1009, 0.3206, 0.3146



81.2133, 0.3224, 0.3115



85.1932, 0.3278, 0.3511



15.9137, 0.3202, 0.3153



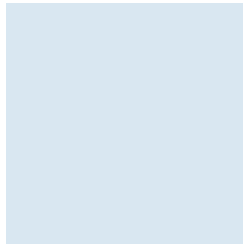
11.2065, 0.4606, 0.2311



0.9521, 0.4372, 0.2182

Previews

White Background



This preview shows how the Yxy color 78.2544, 0.2973, 0.3184 looks on a white background.

Color Contrast Check

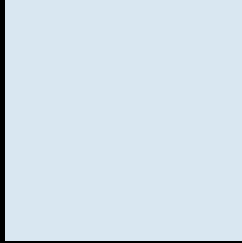
Large Text (above 18pt) WCAG AA × Fail

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 78.2544, 0.2973, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

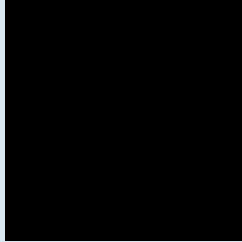
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

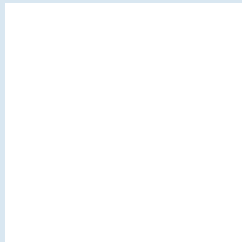
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.2544, 0.2973, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 78.2544, 0.2973, 0.3184.

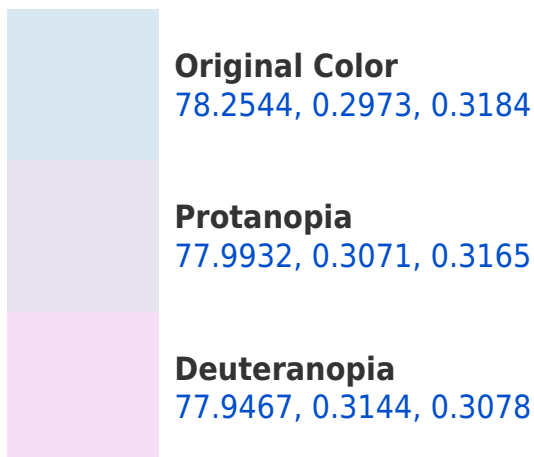


This preview shows how white text looks on a background with the Yxy color 78.2544, 0.2973, 0.3184.

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

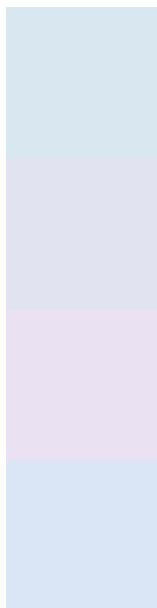




Tritanopia

78.2764, 0.2938, 0.3101

Trichromacy



Original Color

78.2544, 0.2973, 0.3184

Protanomaly

77.7856, 0.3031, 0.3164

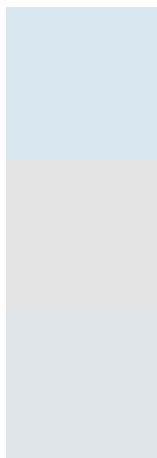
Deuteranomaly

77.7537, 0.3080, 0.3115

Tritanomaly

78.0916, 0.2955, 0.3132

Monochromacy



Original Color

78.2544, 0.2973, 0.3184

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.7691, 0.3068, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2544, 0.2973, 0.3184 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(217, 231, 241)` looks like.

```
.text, #text, p{  
    color:rgb(217, 231, 241)  
}
```

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(217, 231, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 231, 241) }
```

Border

The CSS property to change the border of an element to Yxy 78.2544, 0.2973, 0.3184 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(217, 231, 241) }
```

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

```
.border{ border-color:rgb(217, 231, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 231, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 231, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 231, 241);  
box-shadow:4px 4px 4px 4px rgb(217, 231,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2544, 0.2973, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 231, 241) }
```

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

```
.background{ background-color: rgb(217,  
231, 241) }
```

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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