

Converting Colors

Yxy(66.5164, 0.3141, 0.3080)

Have a look what the booklet for
Yxy(66.5164, 0.3141, 0.3080)
contains.

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Color

Yxy(66.5026, 0.3137, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	E3CFE3
RGB	227, 207, 227
RGB Percent	89%, 81%, 89%
CMY	0.1100, 0.1881, 0.1099
CMYK	0.00, 0.09, 0.00, 0.11
HSL	300°, 26%, 85%
HSV	300°, 9%, 89%
XYZ	67.8435, 66.5026, 81.9226
YIQ	215.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

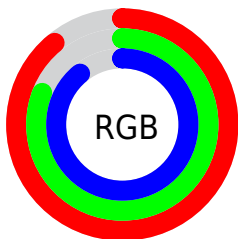
Format	Color
R_{YB}	227, 207, 227
Decimal	14929891
CIE Lab	85.25, 10.42, -7.33
CIE LCh	85, 12.738, 324.858
Yxy	66.5026, 0.3137, 0.3075
Android (android.graphics.Color)	4293119971 (0xFFE3CFE3)
YUV	215.2600, 5.7878, 10.2960
Hunter-Lab	81.5491, 5.7892, -2.4771

Details

The Yxy color **66.5026, 0.3137, 0.3075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7102, 0.3117, 0.3515**, and the grayscale version is **68.0954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5317, 0.3140, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **56.2784, 0.3148, 0.2825**, and if you desaturate by 10%, it is **78.3136, 0.3126, 0.3319**.

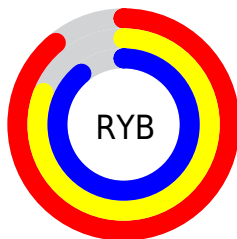
Distribution



Red (89%)

Green (81%)

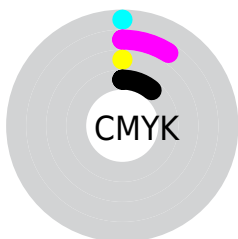
Blue (89%)



Red (89%)

Yellow (81%)

Blue (89%)

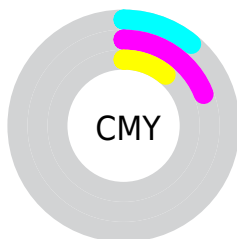


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5026, 0.3137, 0.3075 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 66.5026, 0.3137, 0.3075 by changing the saturation by 10% instead.

66.5026, 0.3137,
0.3075

66.5026, 0.3137,
0.3075

448.1722, 0.3133,
0.3175

48.6805, 0.3138,
0.3052

114.2074, 0.3136,
0.3110

34.3661, 0.3139,
0.3024

144.8589, 0.3135,
0.3123

23.1750, 0.3139,
0.2989

180.5557, 0.3135,
0.3135

14.7228, 0.3140,
0.2942

221.6821, 0.3134,
0.3145

8.6251, 0.3141,
0.2878

268.6226, 0.3134,
0.3153

4.4974, 0.3142,
0.2786

321.7615, 0.3134,

1.9555, 0.3140,

0.3161

0.2642

381.4832, 0.3133,
0.3168

0.5814, 0.3170,
0.2284

0.0000, 0.0000,
0.0000

66.5026, 0.3137,
0.3075

66.5026, 0.3137,
0.3075

56.2784, 0.3148,
0.2825

78.3136, 0.3126,
0.3319

47.5654, 0.3160,
0.2575

91.7660, 0.3115,
0.3551

40.2944, 0.3171,
0.2335

93.4069, 0.3114,
0.3577

34.3877, 0.3181,
0.2113

93.4130, 0.3114,
0.3577

29.7600, 0.3189,
0.1920

93.4192, 0.3115,
0.3577

26.3169, 0.3196,
0.1763

93.4253, 0.3115,
0.3577

23.9505, 0.3201,
0.1648

93.4314, 0.3115,
0.3577

22.5336, 0.3204,
0.1577

93.4376, 0.3115,
0.3577

21.8729, 0.3205,
0.1542

93.4437, 0.3116,
0.3577

Harmonies

Analogous

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



66.5026, 0.2982, 0.3025



66.5026, 0.3137, 0.3075



66.5026, 0.3292, 0.3179

Triad

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



66.5026, 0.3137, 0.3075



66.5026, 0.3390, 0.3538



66.5026, 0.2857, 0.3258

Complementary

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



66.5026, 0.3137, 0.3075



72.7102, 0.3117, 0.3515

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.



66.5026, 0.2962, 0.3404



66.5026, 0.3137, 0.3075



66.5026, 0.3268, 0.3568

Square

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



66.5026, 0.3137, 0.3075



66.5026, 0.3440, 0.3443



66.5026, 0.3111, 0.3519



66.5026, 0.2824, 0.3126

Rectangle

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



66.5026, 0.3137, 0.3075



66.5026, 0.3374, 0.3266



66.5026, 0.3111, 0.3519



66.5026, 0.2885, 0.3308

Sweetspot

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



66.5055, 0.3137, 0.3075



95.2134, 0.3131, 0.3217



63.6124, 0.2991, 0.3069



20.1127, 0.3131, 0.3197



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.



66.5055, 0.3137, 0.3075



83.3820, 0.3140, 0.3018



65.9929, 0.3205, 0.3178



14.6140, 0.3138, 0.3058



12.7236, 0.3205, 0.1539



0.9406, 0.3206, 0.1540

Inverse Universe

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



65.4733, 0.3279, 0.3290



81.7167, 0.3324, 0.3290



73.1920, 0.3056, 0.3405



14.3684, 0.3292, 0.3290



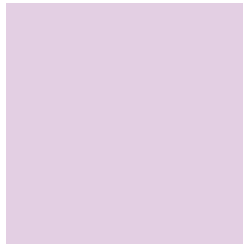
9.5249, 0.6399, 0.3299



0.7040, 0.6394, 0.3296

Previews

White Background



This preview shows how the Yxy color 66.5026, 0.3137, 0.3075 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 66.5026, 0.3137, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

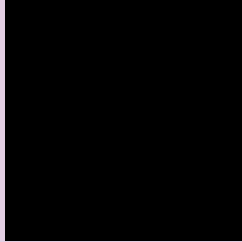
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

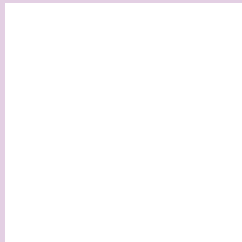
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5026, 0.3137, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 66.5026, 0.3137, 0.3075.



This preview shows how white text looks on a background with the Yxy color 66.5026, 0.3137, 0.3075.

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

66.5026, 0.3137, 0.3075

Protanopia

66.7972, 0.3007, 0.3091

Deuteranopia

66.5026, 0.3137, 0.3075



Tritanopia

66.6623, 0.3150, 0.3117

Trichromacy



Original Color

66.5026, 0.3137, 0.3075

Protanomaly

66.5020, 0.3049, 0.3082

Deuteranomaly

66.5026, 0.3137, 0.3075

Tritanomaly

66.7167, 0.3143, 0.3106

Monochromacy



Original Color

66.5026, 0.3137, 0.3075

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.2615, 0.3131, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5026, 0.3137, 0.3075 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(227, 207, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 207, 227)  
}
```

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(227, 207, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 207, 227) }
```

Border

The CSS property to change the border of an element to Yxy 66.5026, 0.3137, 0.3075 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(227, 207, 227) }
```

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

```
.border{ border-color:rgb(227, 207, 227) }
```

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

Here you see how a box with a 4 pixel rgb(227, 207, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 207, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 207, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 207,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5026, 0.3137, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 207, 227) }
```

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

```
.background{ background-color: rgb(227,  
207, 227) }
```

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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