

Converting Colors

YUV(65.8390, 27.6874,
-13.8908)

Have a look what the booklet for
YUV(65.8390, 27.6874, -13.8908)
contains.

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Color

**YUV(65.8390, 27.6874,
-13.8908)**

Conversions

Conversions Part 1

Format	Color
Hex	323F7A
RGB	50, 63, 122
RGB Percent	20%, 25%, 48%
CMY	0.8039, 0.7529, 0.5216
CMYK	0.59, 0.48, 0.00, 0.52
HSL	229°, 42%, 34%
HSV	229°, 59%, 48%
XYZ	6.6058, 5.6383, 19.1525
YIQ	65.8390, -26.6870, 15.5930

Conversions

Conversions Part 2

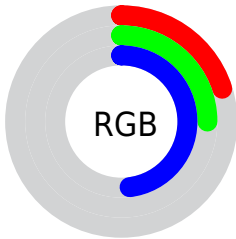
Format	Color
R_{YB}	50, 61, 122
Decimal	3293050
CIE _{Lab}	28.48, 13.84, -35.37
CIE _{LCh}	28, 37.982, 291.377
Yxy	5.6383, 0.2104, 0.1796
Android (android.graphics.Color)	4281483130 (0xFF323F7A)
YUV	65.8390, 27.6874, -13.8908
Hunter-Lab	23.7450, 8.1040, -31.2012




Details

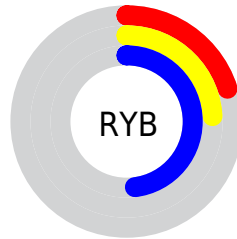
The YUV color **65.8390, 27.6874, -13.8908** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **106.1610, -27.6874, 13.8908**, and the grayscale version is **66.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **115.3170, 29.4237, -10.8020**, and **20.6490, 25.8090, -18.1092** is the 20% darker color. If you saturate the color by 10%, you get **56.3810, 32.3502, -16.1201**, and if you desaturate by 10%, it is **75.2970, 23.0246, -11.6615**.

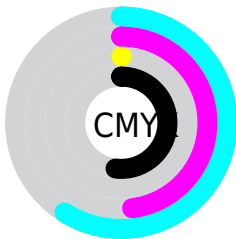
Distribution







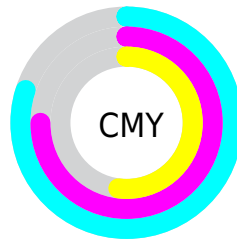
-  Red (20%)
-  Green (25%)
-  Blue (48%)






-  Red (20%)
-  Yellow (24%)
-  Blue (48%)



-  Cyan (59%)
-  Magenta (48%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (80%)
-  Magenta (75%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.8390, 27.6874, -13.8908 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 YUV color 65.8390, 27.6874, -13.8908 by changing the saturation by 10% instead.

■ 65.8390, 27.6874,
-13.8908

■ 65.8390, 27.6874,
-13.8908

■ 255.0000, 0.0000,
0.0000

■ 41.4040, 27.4088,
-17.8943

■ 115.3170, 29.4237,
-10.8020

■ 20.6490, 25.8090,
-18.1092

■ 141.5450, 30.2973,
-11.0020

■ 5.7000, 21.8399,
-4.9989

■ 168.0720, 31.0235,
-10.5871

■ 3.7790, 11.9410,
-3.3142

■ 195.0290, 29.5657,
-9.6724

■ 0.0000, 0.0000,
0.0000

■ 220.1360, 17.1880,
-6.2583

■ 244.9440, 4.9576,

-3.4589

■ 65.8390, 27.6874,
-13.8908

■ 65.8390, 27.6874,
-13.8908

■ 56.3810, 32.3502,
-16.1201

■ 75.2970, 23.0246,
-11.6615

■ 46.9230, 37.0130,
-18.3495

■ 84.7550, 18.3618,
-9.4321

■ 37.1660, 41.8232,
-21.1936

■ 94.5120, 13.5516,
-6.5880

■ 27.7080, 46.4860,
-23.4229

■ 103.9700, 8.8888,
-4.3587

■ 26.8220, 46.9228,
-23.5229

■ 113.4280, 4.2260,
-2.1294

■ 122.8860, -0.4368,
0.1000

■ 132.3440, -5.0996,
2.3293

■ 142.1010, -9.9098,
5.1734

■ 151.5590,
-14.5726, 7.4028

Harmonies

Analogous

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



57.1010, 33.4742, -50.0776



65.8390, 27.6874, -13.8908



69.3120, 17.1012, 21.6514

Triad

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



65.8390, 27.6874, -13.8908



64.9220, -21.6535, 38.6564



53.4580, 1.7462, -46.8827

Complementary

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



65.8390, 27.6874, -13.8908



106.1610, -27.6874, 13.8908

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.



55.5560, -13.5851, -29.4286



65.8390, 27.6874, -13.8908



63.7060, -30.9141, 22.1828

Square

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



65.8390, 27.6874, -13.8908



64.5330, -8.1508, 47.7676



60.8450, -28.5176, 0.1359



57.5790, 14.9976, -50.4968

Rectangle

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



65.8390, 27.6874, -13.8908



67.4620, 9.6322, 37.3058



60.8450, -28.5176, 0.1359



52.3180, -2.6218, -45.8829

Sweetspot

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



65.8390, 27.6874, -13.8908



136.1270, 10.7834, -5.3734



98.9900, 4.9349, -42.9642



65.6990, 6.5574, -3.2440



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



65.8390, 27.6874, -13.8908



70.5080, 43.1336, -21.4935



65.0850, 28.0591, 6.9415



56.2710, 2.3314, -1.1147



27.7510, 47.9438, -24.3376



55.7300, 96.7611, -48.8752

Inverse Universe

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



73.0100, -4.9349, 42.9642



81.7680, -7.7736, 66.8555



106.9150, -28.0591, -6.9415



56.9080, -0.4476, 3.5887



39.9970, -8.3795, 74.5476



80.5920, -17.0539, 150.3248

Previews

White Background



This preview shows how the YUV color 65.8390, 27.6874, -13.8908 looks on a white 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

Black Background



This preview shows how the YUV color 65.8390, 27.6874, -13.8908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

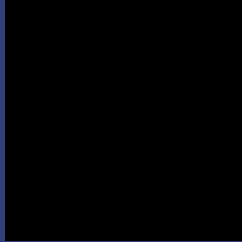
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.8390, 27.6874, -13.8908

Background



This preview shows how black text looks on a background with the YUV color 65.8390, 27.6874, -13.8908.



This preview shows how white text looks on a background with the YUV color 65.8390, 27.6874,

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

65.8390, 27.6874, -13.8908

Protanopia

63.3540, 29.8985, -23.1125

Deuteranopia

56.7000, 31.6999, -40.9559



Tritanopia

61.1260, 8.8119, -26.4205

Trichromacy



Original Color

65.8390, 27.6874, -13.8908

Protanomaly

64.1480, 29.0140, -19.4238

Deuteranomaly

60.0110, 30.0676, -30.7046

Tritanomaly

62.6950, 15.9264, -21.6575

Monochromacy



Original Color

65.8390, 27.6874, -13.8908

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.8990, 9.9098, -5.1734

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.8390, 27.6874, -13.8908 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(50, 63, 122)` looks like.

```
.text, #text, p{  
    color:rgb(50, 63, 122)  
}
```

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(50, 63, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 63, 122) }
```

Border

The CSS property to change the border of an element to YUV 65.8390, 27.6874, -13.8908 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(50, 63, 122) }
```


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

```
.border{ border-color:rgb(50, 63, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 63, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 63, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 63, 122);  
box-shadow:4px 4px 4px 4px rgb(50, 63,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 65.8390, 27.6874, -13.8908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 63, 122) }
```

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

```
.background{ background-color: rgb(50, 63,  
122) }
```

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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