

Converting Colors

YUV(71.3200, 58.5092, -6.4196)

Have a look what the booklet for
YUV(71.3200, 58.5092, -6.4196)
contains.

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Color

**YUV(71.3200, 58.5092,
-6.4196)**

Conversions

Conversions Part 1

Format	Color
Hex	4034BE
RGB	64, 52, 190
RGB Percent	25%, 20%, 75%
CMY	0.7490, 0.7961, 0.2549
CMYK	0.66, 0.73, 0.00, 0.25
HSL	245°, 57%, 47%
HSV	245°, 73%, 75%
XYZ	12.6366, 7.2637, 49.4512
YIQ	71.3200, -37.1460, 45.4620

Conversions

Conversions Part 2

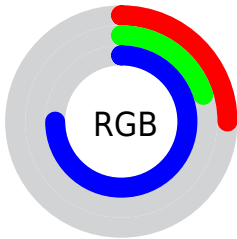
Format	Color
R _{YB}	64, 52, 190
Decimal	4207806
CIE _{Lab}	32.40, 46.57, -70.29
CIE _{LCh}	32, 84.315, 303.529
Yxy	7.2637, 0.1822, 0.1047
Android (android.graphics.Color)	4282397886 (0xFF4034BE)
YUV	71.3200, 58.5092, -6.4196
Hunter-Lab	26.9512, 36.5286, -89.9219

Details

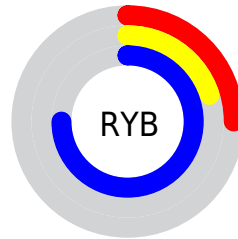
The YUV color **71.3200, 58.5092, -6.4196** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **170.6800, -58.5092, 6.4196**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.4180, 59.9399, 1.3874**, and **18.3250, 57.5208, -16.0710** is the 20% darker color. If you saturate the color by 10%, you get **55.0840, 66.5136, -7.0897**, and if you desaturate by 10%, it is **87.5560, 50.5049, -5.7496**.

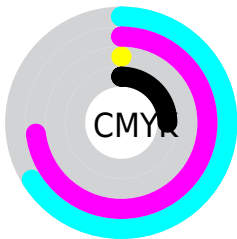
Distribution



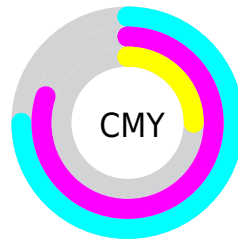
- Red (25%)
- Green (20%)
- Blue (75%)



- Red (25%)
- Yellow (20%)
- Blue (75%)



- Cyan (66%)
- Magenta (73%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (80%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.3200, 58.5092, -6.4196 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 71.3200, 58.5092, -6.4196 by changing the saturation by 10% instead.

■ 71.3200, 58.5092,
-6.4196

■ 71.3200, 58.5092,
-6.4196

■ 255.0000, 0.0000,
0.0000

■ 41.1720, 59.5682,
-19.4448

■ 125.4180, 59.9399,
1.3874

■ 18.3250, 57.5208,
-16.0710

■ 149.9750, 51.7773,
6.1609

■ 12.4260, 47.6110,
-10.8976

■ 174.7940, 39.5416,
10.7047

■ 10.1630, 36.4016,
-8.9130

■ 199.6130, 27.3058,
15.2484

■ 10.2480, 24.0347,
-8.9875

■ 225.0190, 14.7806,
19.2773

■ 5.3920, 15.5827,
-4.7288

■ 243.8470, 5.4984,

■ 2.0690, 5.3890,

9.7812

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 71.3200, 58.5092,
-6.4196

■ 71.3200, 58.5092,
-6.4196

■ 55.0840, 66.5136,
-7.0897

■ 87.5560, 50.5049,
-5.7496

■ 38.5490, 74.6653,
-8.3745

■ 104.0910, 42.3531,
-4.4648

■ 26.7430, 80.4857,
-8.5446

■ 120.3270, 34.3488,
-3.7948

■ 136.5630, 26.3444,
-3.1248

■ 153.0980, 18.1927,
-1.8399

■ 169.3340, 10.1883,
-1.1699

■ 185.5700, 2.1840,
-0.4999

■ 202.1050, -5.9678,
0.7849

■ 218.3410,
-13.9721, 1.4549

Harmonies

Analogous

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



74.1770, 68.4397, -65.0532



71.3200, 58.5092, -6.4196



62.2620, 36.8458, 82.2082

Triad

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



71.3200, 58.5092, -6.4196



67.6770, -33.3648, 61.6733



67.5750, 7.6045, -59.2633

Complementary

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



71.3200, 58.5092, -6.4196



170.6800, -58.5092, 6.4196

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.



56.9390, -28.0709, -49.9355



71.3200, 58.5092, -6.4196



71.2120, -35.1075, 13.8461

Square

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



71.3200, 58.5092, -6.4196



52.1830, -23.7542, 105.9565



53.4170, -26.3346, -46.8467



76.2730, 35.8544, -66.8914

Rectangle

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



71.3200, 58.5092, -6.4196



64.2370, 14.6732, 100.6472



53.4170, -26.3346, -46.8467



64.8390, -2.8786, -56.8638

Sweetspot

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



71.3200, 58.5092, -6.4196



200.6510, 22.8501, -2.3249



142.2810, 23.5255, -79.1764



96.6590, 13.9721, -1.4549



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



71.3200, 58.5092, -6.4196



62.1910, 91.1108, -9.8145



91.6520, 48.4856, 35.3852



86.3250, 3.7838, -0.2850



22.1980, 66.9504, -7.1896



4.4310, 13.0985, -1.2550

Inverse Universe

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



107.6260, 34.6944, 72.2420



118.7430, 54.3567, 112.4814



150.0490, -48.3382, -36.0000



88.7170, 2.6045, 4.6332



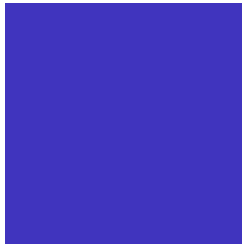
63.6580, 39.6086, 82.7379



12.4610, 7.6607, 16.2587

Previews

White Background



This preview shows how the YUV color 71.3200, 58.5092, -6.4196 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 71.3200, 58.5092, -6.4196 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 71.3200, 58.5092, -6.4196

Background



This preview shows how black text looks on a background with the YUV color 71.3200, 58.5092, -6.4196.



This preview shows how white text looks on a background with the YUV color 71.3200, 58.5092,

-6.4196.

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

71.3200, 58.5092, -6.4196

Protanopia

60.5210, 46.5781, -53.0769

Deuteranopia

60.8340, 35.0848, -53.3514



Tritanopia

59.5680, 15.0030, -52.2411

Trichromacy



Original Color

71.3200, 58.5092, -6.4196

Protanomaly

64.1840, 51.1813, -36.1184

Deuteranomaly

64.8220, 43.4718, -36.6779

Tritanomaly

63.5050, 30.8100, -35.5229

Monochromacy



Original Color

71.3200, 58.5092, -6.4196

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8960, 21.2503, -2.5398

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.3200, 58.5092, -6.4196 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(64, 52, 190)` looks like.

```
.text, #text, p{  
    color:rgb(64, 52, 190)  
}
```

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(64, 52, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 52, 190) }
```

Border

The CSS property to change the border of an element to YUV 71.3200, 58.5092, -6.4196 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(64, 52, 190) }
```


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

```
.border{ border-color:rgb(64, 52, 190) }
```

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

Here you see how a box with a 4 pixel rgb(64, 52, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 52, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 52, 190);  
box-shadow:4px 4px 4px 4px rgb(64, 52,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 71.3200, 58.5092, -6.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 52, 190) }
```

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

```
.background{ background-color: rgb(64, 52,  
190) }
```

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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