

Converting Colors

YUV(30.8200, 40.0217, -3.3501)

Have a look what the booklet for
YUV(30.8200, 40.0217, -3.3501)
contains.

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Color

**YUV(30.8200, 40.0217,
-3.3501)**

Conversions

Conversions Part 1

Format	Color
Hex	1B1170
RGB	27, 17, 112
RGB Percent	11%, 7%, 44%
CMY	0.8941, 0.9333, 0.5608
CMYK	0.76, 0.85, 0.00, 0.56
HSL	246°, 74%, 25%
HSV	246°, 85%, 44%
XYZ	3.5771, 1.8038, 15.4889
YIQ	30.8200, -24.5350, 31.6650

Conversions

Conversions Part 2

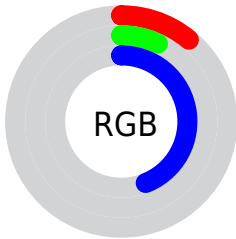
Format	Color
R_{YB}	27, 17, 112
Decimal	1773936
CIE _{Lab}	14.42, 36.43, -51.95
CIE _{LCh}	14, 63.453, 305.039
Yxy	1.8038, 0.1714, 0.0864
Android (android.graphics.Color)	4279964016 (0xFF1B1170)
YUV	30.8200, 40.0217, -3.3501
Hunter-Lab	13.4304, 24.0387, -58.9759

Details

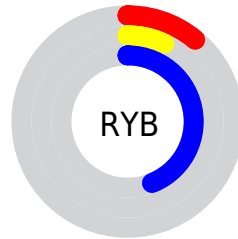
The YUV color **30.8200, 40.0217, -3.3501** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **98.1800, -40.0217, 3.3501**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.2170, 41.3050, 5.0717**, and **7.1820, 27.5183, -6.2986** is the 20% darker color. If you saturate the color by 10%, you get **21.3730, 44.6791, -3.8351**, and if you desaturate by 10%, it is **40.2670, 35.3644, -2.8652**.

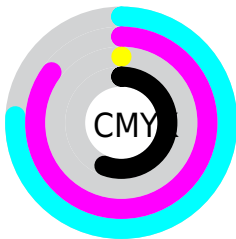
Distribution



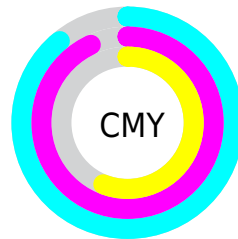
- Red (11%)
- Green (7%)
- Blue (44%)



- Red (11%)
- Yellow (7%)
- Blue (44%)



- Cyan (76%)
- Magenta (85%)
- Yellow (0%)
- Black (56%)



- Cyan (89%)
- Magenta (93%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.8200, 40.0217, -3.3501 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 30.8200, 40.0217, -3.3501 by changing the saturation by 10% instead.

■ 30.8200, 40.0217,
-3.3501

■ 30.8200, 40.0217,
-3.3501

■ 250.8910, 2.0257,
3.6036

■ 9.9180, 38.0014,
-8.6981

■ 81.2170, 41.3050,
5.0717

■ 7.1820, 27.5183,
-6.2986

■ 106.4560, 42.1732,
6.6161

■ 6.3210, 16.6037,
-5.5435

■ 132.8090, 43.4782,
8.0605

■ 2.5250, 7.1362,
-2.2144

■ 159.7490, 44.4937,
8.9901

■ 0.0000, 0.0000,
0.0000

■ 184.8390, 34.5894,
12.4192

■ 209.3590, 22.5010,

16.3482

■ 233.8680, 10.4181,
18.5328

■ 30.8200, 40.0217,
-3.3501

■ 30.8200, 40.0217,
-3.3501

■ 21.3730, 44.6791,
-3.8351

■ 40.2670, 35.3644,
-2.8652

■ 16.3560, 47.1525,
-3.8202

■ 49.7140, 30.7070,
-2.3802

■ 59.7480, 25.7602,
-2.4100

■ 69.1950, 21.1029,
-1.9250

■ 78.6420, 16.4455,
-1.4400

■ 88.0890, 11.7881,
-0.9551

■ 97.5360, 7.1308,
-0.4701

■ 107.5700, 2.1840,
-0.4999

■ 117.0170, -2.4734,
-0.0149

Harmonies

Analogous

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



39.9470, 43.9031, -35.0335



30.8200, 40.0217, -3.3501



35.7590, 19.3458, 48.4464

Triad

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



30.8200, 40.0217, -3.3501



30.9310, -15.2490, 37.7715



35.4260, 3.7340, -31.0686

Complementary

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



30.8200, 40.0217, -3.3501



98.1800, -40.0217, 3.3501

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.



29.9370, -14.7589, -26.2547



30.8200, 40.0217, -3.3501



34.2660, -16.8931, 5.0287

Square

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



30.8200, 40.0217, -3.3501



29.6010, -14.5933, 60.8629



27.0020, -13.3120, -23.6808



41.1430, 23.1005, -36.0824

Rectangle

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



30.8200, 40.0217, -3.3501



36.6390, 4.6150, 59.9526



27.0020, -13.3120, -23.6808



33.6020, -3.2548, -29.4690

Sweetspot

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



30.8200, 40.0217, -3.3501



114.3000, 15.1351, -1.1401



77.7250, 16.8976, -53.2558



55.1060, 9.3147, -0.9700



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



30.8200, 40.0217, -3.3501



21.0150, 61.1246, -5.2752



44.8730, 33.0936, 25.5444



50.9830, 2.4734, 0.0149



17.5670, 50.4995, -4.0053



35.9320, 104.0565, -8.7104

Inverse Universe

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



55.0950, 23.1242, 49.9057



58.1750, 35.4097, 76.1455



84.1270, -33.0936, -25.5444



52.4780, 1.7363, 3.0888



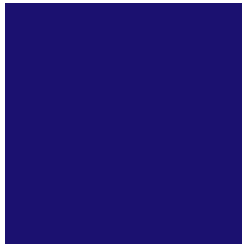
48.0780, 29.0485, 63.0756



99.0470, 60.1228, 129.7548

Previews

White Background



This preview shows how the YUV color 30.8200, 40.0217, -3.3501 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

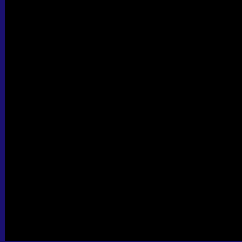
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.8200, 40.0217, -3.3501

Background



This preview shows how black text looks on a background with the YUV color 30.8200, 40.0217, -3.3501.



This preview shows how white text looks on a background with the YUV color 30.8200, 40.0217,

-3.3501.

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

30.8200, 40.0217, -3.3501

Protanopia

30.4970, 22.9260, -26.7459

Deuteranopia

30.3030, 17.1056, -26.5757



Tritanopia

29.7840, 7.5015, -26.1206

Trichromacy



Original Color

30.8200, 40.0217, -3.3501

Protanomaly

30.8600, 29.1560, -18.2942

Deuteranomaly

30.5350, 25.3722, -18.0092

Tritanomaly

30.2270, 19.1151, -17.7391

Monochromacy



Original Color

30.8200, 40.0217, -3.3501

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.0720, 14.2615, -0.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.8200, 40.0217, -3.3501 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(27, 17, 112)` looks like.

```
.text, #text, p{  
    color:rgb(27, 17, 112)  
}
```

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(27, 17, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 17, 112) }
```

Border

The CSS property to change the border of an element to YUV 30.8200, 40.0217, -3.3501 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(27, 17, 112) }
```


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

```
.border{ border-color:rgb(27, 17, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 17, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 17, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 17, 112);  
box-shadow:4px 4px 4px 4px rgb(27, 17,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 30.8200, 40.0217, -3.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 17, 112) }
```

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

```
.background{ background-color: rgb(27, 17,  
112) }
```

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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