

Converting Colors

YUV(51.4800, 32.3014, -0.4210)

Have a look what the booklet for
YUV(51.4800, 32.3014, -0.4210)
contains.

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Color

**YUV(51.4800, 32.3014,
-0.4210)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 332775 |
| RGB | 51, 39, 117 |
| RGB Percent | 20%, 15%, 46% |
| CMY | 0.8000, 0.8471, 0.5412 |
| CMYK | 0.56, 0.67, 0.00, 0.54 |
| HSL | 249°, 50%, 31% |
| HSV | 249°, 67%, 46% |
| XYZ | 5.3016, 3.4392, 17.2140 |
| YIQ | 51.4800, -17.8860, 26.8020 |

Conversions

Conversions Part 2

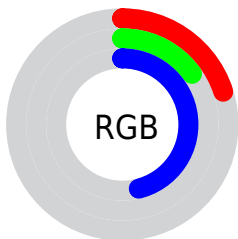
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 51, 39, 117 |
| Decimal | 3352437 |
| CIE Lab | 21.72, 28.44, -43.10 |
| CIE LCh | 22, 51.641, 303.417 |
| Yxy | 3.4392, 0.2043, 0.1325 |
| Android (android.graphics.Color) | 4281542517 (0xFF332775) |
| YUV | 51.4800, 32.3014, -0.4210 |
| Hunter-Lab | 18.5451, 18.5755, -42.0530 |

Details

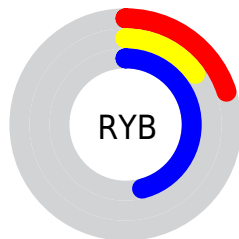
The YUV color **51.4800, 32.3014, -0.4210** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **104.5200, -32.3014, 0.4210**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.3710, 34.3271, 3.1826**, and **7.7520, 29.7023, -6.7985** is the 20% darker color. If you saturate the color by 10%, you get **41.4460, 37.2481, -0.3911**, and if you desaturate by 10%, it is **61.5140, 27.3546, -0.4508**.

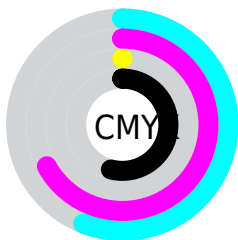
Distribution



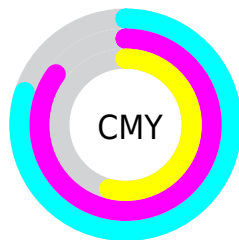
- Red (20%)
- Green (15%)
- Blue (46%)



- Red (20%)
- Yellow (15%)
- Blue (46%)



- Cyan (56%)
- Magenta (67%)
- Yellow (0%)
- Black (54%)



- Cyan (80%)
- Magenta (85%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.4800, 32.3014, -0.4210 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 51.4800, 32.3014, -0.4210 by changing the saturation by 10% instead.

■ 51.4800, 32.3014,
-0.4210

■ 51.4800, 32.3014,
-0.4210

■ 255.0000, 0.0000,
0.0000

■ 27.6320, 31.7334,
-4.9393

■ 100.3710, 34.3271,
3.1826

■ 7.7520, 29.7023,
-6.7985

■ 125.6100, 35.1953,
4.7270

■ 6.8910, 18.7877,
-6.0434

■ 152.2510, 36.3583,
5.0419

■ 3.2090, 9.7570,
-2.8143

■ 179.1910, 37.3738,
5.9715

■ 0.0000, 0.0000,
0.0000

■ 203.7110, 25.2855,
9.9005

■ 228.8180, 12.9077,

13.3146

249.1300, 2.8939,
5.1480

51.4800, 32.3014,
-0.4210

51.4800, 32.3014,
-0.4210

41.4460, 37.2481,
-0.3911

61.5140, 27.3546,
-0.4508

31.9990, 41.9055,
-0.8761

70.9610, 22.6972,
0.0342

21.9650, 46.8523,
-0.8463

80.9950, 17.7505,
0.0044

18.7200, 48.4520,
-0.6314

91.0290, 12.8037,
-0.0254

101.0630, 7.8569,
-0.0553

■ 110.2110, 3.3470,
-0.1850

■ 120.2450, -1.5998,
-0.2149

■ 130.2790, -6.5465,
-0.2447

■ 139.7260,
-11.2039, 0.2403

Harmonies

Analogous

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



47.6920, 40.5778, -41.8259



51.4800, 32.3014, -0.4210



41.8670, 22.2506, 50.1056

Triad

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



51.4800, 32.3014, -0.4210



48.3410, -23.8321, 37.4119



45.7130, 5.0715, -40.0903

Complementary

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



51.4800, 32.3014, -0.4210



104.5200, -32.3014, 0.4210

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.



39.7510, -12.6952, -34.8616



51.4800, 32.3014, -0.4210



48.7630, -24.0402, 10.7318

Square

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



51.4800, 32.3014, -0.4210



35.6170, -12.1362, 66.1109



41.4880, -20.4536, -19.7220



50.0450, 21.6698, -43.8895

Rectangle

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



51.4800, 32.3014, -0.4210



40.8550, 10.4245, 63.2712



41.4880, -20.4536, -19.7220



44.1170, -1.0437, -38.6906

Sweetspot

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



51.4800, 32.3014, -0.4210



127.0290, 12.8037, -0.0254



86.6340, 14.9704, -41.7750



61.0630, 7.8569, -0.0553



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



51.4800, 32.3014, -0.4210



50.2900, 50.6360, -1.1313



63.1410, 26.5525, 23.5553



53.9830, 2.4734, 0.0149



19.5890, 50.4886, -0.5166



39.8620, 103.5980, -1.6330

Inverse Universe

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



69.8460, 17.3309, 41.3541



79.2200, 27.0065, 64.7051



92.8590, -26.5525, -23.5553



55.3640, 1.2995, 3.1888



48.3340, 27.4433, 64.6051



98.8040, 55.3126, 132.5989

Previews

White Background



This preview shows how the YUV color 51.4800, 32.3014, -0.4210 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 51.4800, 32.3014, -0.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

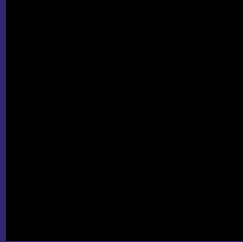
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.4800, 32.3014, -0.4210

Background



This preview shows how black text looks on a background with the YUV color 51.4800, 32.3014, -0.4210.



This preview shows how white text looks on a background with the YUV color 51.4800, 32.3014,

-0.4210.

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

51.4800, 32.3014, -0.4210

Protanopia

42.1350, 31.9784, -36.9524

Deuteranopia

42.1860, 24.5583, -36.9971



Tritanopia

48.7960, 6.0166, -16.4841

Trichromacy



Original Color

51.4800, 32.3014, -0.4210

Protanomaly

45.9240, 32.0825, -23.6123

Deuteranomaly

45.9580, 27.1357, -23.6422

Tritanomaly

49.9460, 15.3096, -10.4766

Monochromacy



Original Color

51.4800, 32.3014, -0.4210

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.3880, 11.6407, -0.3403

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.4800, 32.3014, -0.4210 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(51, 39, 117)` looks like.

```
.text, #text, p{  
    color:rgb(51, 39, 117)  
}
```

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(51, 39, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 39, 117) }
```

Border

The CSS property to change the border of an element to YUV 51.4800, 32.3014, -0.4210 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(51, 39, 117) }
```


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

```
.border{ border-color:rgb(51, 39, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 39, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 39, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 39, 117);  
box-shadow:4px 4px 4px 4px rgb(51, 39,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 51.4800, 32.3014, -0.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 39, 117) }
```

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

```
.background{ background-color: rgb(51, 39,  
117) }
```

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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