

Converting Colors

YUV(32.2110, 80.7480, 0.6920)

Have a look what the booklet for
YUV(32.2110, 80.7480, 0.6920)
contains.

YUV(32.2110, 80.7480, 0.6920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(32.2110, 80.7480,
0.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	2100C4
RGB	33, 0, 196
RGB Percent	13%, 0%, 77%
CMY	0.8706, 1.0000, 0.2314
CMYK	0.83, 1.00, 0.00, 0.23
HSL	250°, 100%, 38%
HSV	250°, 100%, 77%
XYZ	10.5910, 4.3089, 52.4980
YIQ	32.2110, -43.2480, 67.9520

Conversions

Conversions Part 2

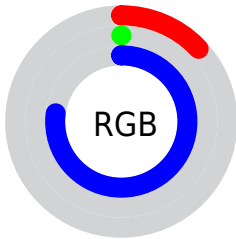
Format	Color
RYB	33, 0, 196
Decimal	2162884
CIELab	24.67, 65.31, -86.71
CIELCh	25, 108.558, 306.988
Yxy	4.3089, 0.1571, 0.0639
Android (android.graphics.Color)	4280352964 (0xFF2100C4)
YUV	32.2110, 80.7480, 0.6920
Hunter-Lab	20.7578, 54.7479, -135.4185

Details

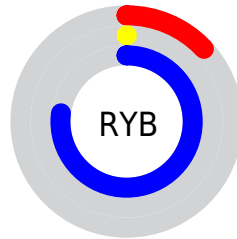
The YUV color **32.2110, 80.7480, 0.6920** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **163.7890, -80.7480, -0.6920**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.3110, 75.7687, 11.1283**, and **15.9600, 61.1517, -13.9969** is the 20% darker color. If you saturate the color by 10%, you get **32.2110, 80.7480, 0.6920**, and if you desaturate by 10%, it is **48.7350, 72.6016, 0.2324**.

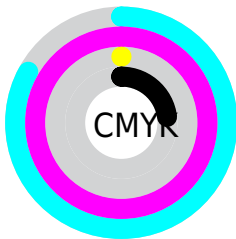
Distribution



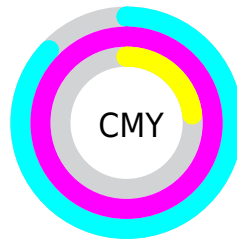
- Red (13%)
- Green (0%)
- Blue (77%)



- Red (13%)
- Yellow (0%)
- Blue (77%)



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (87%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.2110, 80.7480, 0.6920 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 32.2110, 80.7480, 0.6920 by changing the saturation by 10% instead.

■ 32.2110, 80.7480,
0.6920

■ 32.2110, 80.7480,
0.6920

■ 255.0000, 0.0000,
0.0000

■ 19.1520, 73.3821,
-16.7963

■ 100.3110, 75.7687,
11.1283

■ 15.9600, 61.1517,
-13.9969

■ 125.2550, 63.9643,
17.3164

■ 12.9960, 49.7950,
-11.3975

■ 150.6720, 51.4337,
23.0897

■ 17.0760, 34.9655,
-14.9757

■ 175.7900, 39.0505,
28.2482

■ 11.4050, 25.9293,
-10.0022

■ 200.9080, 26.6674,
33.4067


■ 6.4350, 17.0405,
-5.6435


■ 222.7150, 15.9165,


■ 2.7530, 8.0098,


28.3139


-2.4144


 239.1510, 7.8136,
13.8996


 0.0000, 0.0000,
0.0000


 32.2110, 80.7480,
0.6920

 48.7350, 72.6016,
0.2324

 64.9710, 64.5973,
0.9024

 81.4950, 56.4510,
0.4429

 97.4320, 48.5940,
0.4981

 114.2550, 40.3003,
0.6534

■ 130.7790, 32.1540,
0.1938

■ 146.7160, 24.2970,
0.2491

■ 163.2400, 16.1507,
-0.2105

■ 179.4760, 8.1463,
0.4595

Harmonies

Analogous

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



68.1250, 80.7904, -59.7456



32.2110, 80.7480, 0.6920



62.0900, 31.0146, 85.8671

Triad

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



32.2110, 80.7480, 0.6920



44.6850, -22.0297, 66.0513



56.9120, 9.9034, -49.9118

Complementary

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



32.2110, 80.7480, 0.6920



163.7890, -80.7480, -0.6920

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.



46.9600, -23.1513, -41.1839



32.2110, 80.7480, 0.6920



53.4260, -26.3390, 1.3804

Square

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



32.2110, 80.7480, 0.6920



49.3350, -24.3222, 101.4382



44.0250, -21.7043, -38.6099



68.0210, 44.8526, -59.6544

Rectangle

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



32.2110, 80.7480, 0.6920



62.5120, 4.1846, 104.7910



44.0250, -21.7043, -38.6099



53.0190, -2.4744, -46.4977

Sweetspot

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



32.2110, 80.7480, 0.6920



191.2520, 31.4278, -0.2210



118.0250, 38.4417, -103.5079



89.3370, 19.0609, -0.2955



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



32.2110, 80.7480, 0.6920



41.9270, 105.0450, 0.9410



61.5130, 66.3021, 0.9401



88.7380, 4.0732, 0.2298



26.4270, 66.3445, 0.5025



5.5560, 13.5299, 0.3894

Inverse Universe

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



77.1860, 42.3063, 104.1999



100.4130, 55.0124, 135.5728



134.4870, -66.3021, -60.9401



90.9020, 2.0203, 5.3479



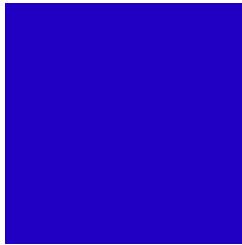
63.4150, 34.7984, 85.5820



13.0590, 7.3659, 17.4883

Previews

White Background



This preview shows how the YUV color 32.2110, 80.7480, 0.6920 looks on a white background.

Color Contrast Check

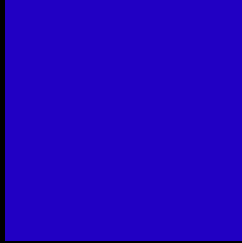
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2110, 80.7480, 0.6920 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 32.2110, 80.7480, 0.6920

Background



This preview shows how black text looks on a background with the YUV color 32.2110, 80.7480, 0.6920.



This preview shows how white text looks on a background with the YUV color 32.2110, 80.7480,

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



Protanopia

48.6550, 36.6521, -42.6704

Deuteranopia

48.8370, 27.1954, -42.8300

Tritanopia

48.0100, 11.3341, -42.1048

Trichromacy



Protanomaly

42.9940, 52.7540, -27.1817

Deuteranomaly

42.6860, 46.4968, -26.9116

Tritanomaly

42.0530, 36.4559, -26.3565

Monochromacy



Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.7960, 29.6806, 0.1789

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.2110, 80.7480, 0.6920 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(33, 0, 196)` looks like.

```
.text, #text, p{  
    color:rgb(33, 0, 196)  
}
```

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(33, 0, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 0, 196) }
```

Border

The CSS property to change the border of an element to YUV 32.2110, 80.7480, 0.6920 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(33, 0, 196) }
```

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

```
.border{ border-color:rgb(33, 0, 196) }
```

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

Here you see how a box with a 4 pixel rgb(33, 0, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 0, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 0, 196);  
box-shadow:4px 4px 4px 4px rgb(33, 0, 196)  
}
```


Background

The CSS property to change the background color of an element to YUV 32.2110, 80.7480, 0.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 0, 196) }
```

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

```
.background{ background-color: rgb(33, 0,  
196) }
```

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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