

Converting Colors

YUV(50.5190, 83.5541,
-12.7332)

Have a look what the booklet for
YUV(50.5190, 83.5541, -12.7332)
contains.

YUV(50.5190, 83.5541, -12.7332)	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>	31

Color

**YUV(50.5190, 83.5541,
-12.7332)**

Conversions

Conversions Part 1

Format	Color
Hex	2419DC
RGB	36, 25, 220
RGB Percent	14%, 10%, 86%
CMY	0.8588, 0.9020, 0.1373
CMYK	0.84, 0.89, 0.00, 0.14
HSL	243°, 80%, 48%
HSV	243°, 89%, 86%
XYZ	13.9935, 6.2376, 68.1766
YIQ	50.5190, -56.0390, 62.9770

Conversions

Conversions Part 2

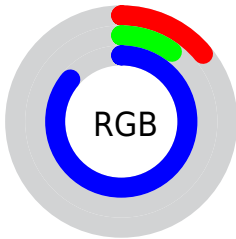
Format	Color
RYB	36, 25, 220
Decimal	2365916
CIELab	30.00, 65.72, -91.78
CIELCh	30, 112.889, 305.605
Yxy	6.2376, 0.1583, 0.0706
Android (android.graphics.Color)	4280555996 (0xFF2419DC)
YUV	50.5190, 83.5541, -12.7332
Hunter-Lab	24.9753, 56.3055, -144.3651

Details

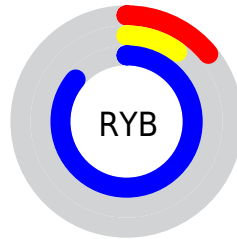
The YUV color **50.5190, 83.5541, -12.7332** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **194.4810, -83.5541, 12.7332**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.0240, 70.9802, 6.9950**, and **18.5820, 71.1981, -16.2964** is the 20% darker color. If you saturate the color by 10%, you get **31.3260, 93.0163, -14.3179**, and if you desaturate by 10%, it is **69.7120, 74.0920, -11.1484**.

Distribution



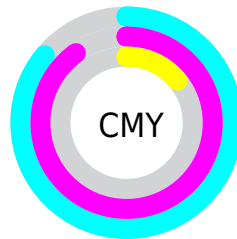
- Red (14%)
- Green (10%)
- Blue (86%)



- Red (14%)
- Yellow (10%)
- Blue (86%)



- Cyan (84%)
- Magenta (89%)
- Yellow (0%)
- Black (14%)



- Cyan (86%)
- Magenta (90%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.5190, 83.5541, -12.7332 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 50.5190, 83.5541, -12.7332 by changing the saturation by 10% instead.

■ 50.5190, 83.5541,
-12.7332

■ 50.5190, 83.5541,
-12.7332

255.0000, 0.0000,
0.0000

■ 21.7740, 83.4284,
-19.0958

■ 111.0240, 70.9802,
6.9950

■ 18.5820, 71.1981,
-16.2964

■ 136.1530, 58.5916,
13.8978

■ 15.5040, 59.4045,
-13.5970

■ 161.8690, 45.9136,
20.2859

■ 13.6000, 47.0322,
-11.9272

■ 186.9870, 33.5304,
25.4444

■ 16.0330, 33.5077,
-14.0609

■ 212.9910, 20.7104,
30.7029

■ 10.3620, 24.4715,
-9.0875


■ 231.5200, 11.5756,


■ 5.3920, 15.5827,


20.5920


-4.7288


 248.5430, 3.1833,
5.6628


 2.0690, 5.3890,
-1.8145


 0.0000, 0.0000,
0.0000


 50.5190, 83.5541,
-12.7332

 50.5190, 83.5541,
-12.7332


 31.3260, 93.0163,
-14.3179

 69.7120, 74.0920,
-11.1484

 28.6680, 94.3267,
-14.6178

 88.9050, 64.6298,
-9.5637

 107.7990, 55.3151,
-8.5937

 126.9920, 45.8529,
-7.0090

■ 146.1850, 36.3908,
-5.4242

■ 165.3780, 26.9286,
-3.8395

■ 184.2720, 17.6139,
-2.8695

■ 203.4650, 8.1518,
-1.2848

■ 222.6580, -1.3104,
0.2999

Harmonies

Analogous

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



78.3780, 87.0746, -68.7375



50.5190, 83.5541, -12.7332



69.5670, 37.6815, 94.2187

Triad

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



50.5190, 83.5541, -12.7332



55.6600, -27.4404, 74.8432



66.1560, 9.7831, -58.0188

Complementary

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



50.5190, 83.5541, -12.7332



194.4810, -83.5541, 12.7332

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.



55.1780, -27.2028, -48.3911



50.5190, 83.5541, -12.7332



65.2650, -32.1756, 6.7836

Square

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



50.5190, 83.5541, -12.7332



56.2120, -27.7125, 115.5781



52.2430, -25.7558, -45.8171



78.0630, 47.7899, -68.4613

Rectangle

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



50.5190, 83.5541, -12.7332



70.7290, 8.5146, 116.0017



52.2430, -25.7558, -45.8171



62.0350, -3.4683, -54.4047

Sweetspot

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



50.5190, 83.5541, -12.7332



195.0620, 29.5494, -4.4394



155.8250, 31.6383, -114.7335



92.2720, 17.6139, -2.8695



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.



50.5190, 83.5541, -12.7332



33.2560, 109.3198, -16.8875



79.2230, 69.4031, 46.2854



100.2540, 4.8048, -1.0998



22.7120, 74.0920, -11.1484



6.1410, 19.6505, -2.7547

Inverse Universe

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



104.2810, 51.6265, 101.4856



103.7190, 67.6795, 132.6734



165.7770, -69.4031, -46.2854



103.4290, 2.7465, 5.7628



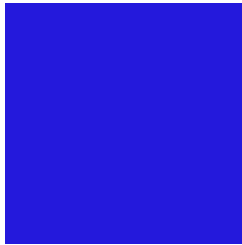
70.4230, 46.1335, 89.9600



18.6560, 12.0016, 23.9807

Previews

White Background



This preview shows how the YUV color 50.5190, 83.5541, -12.7332 looks on a white background.

Color Contrast Check

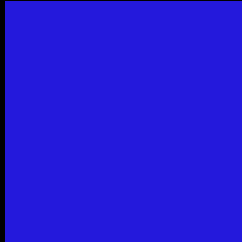
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5190, 83.5541, -12.7332 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 50.5190, 83.5541, -12.7332

Background



This preview shows how black text looks on a background with the YUV color 50.5190, 83.5541, -12.7332.



This preview shows how white text looks on a background with the YUV color 50.5190, 83.5541, -12.7332.

-12.7332.

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

50.5190, 83.5541, -12.7332

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.6450, 31.7270, -49.6777



Tritanopia

55.1340, 13.2449, -48.3525

Trichromacy



Original Color

50.5190, 83.5541, -12.7332

Protanomaly

53.9050, 57.7278, -35.8737

Deuteranomaly

54.6570, 50.4551, -36.5332

Tritanomaly

53.5680, 38.6670, -35.5781

Monochromacy



Original Color

50.5190, 83.5541, -12.7332

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.1760, 29.9862, -4.5394

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.5190, 83.5541, -12.7332 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(36, 25, 220)` looks like.

```
.text, #text, p{  
    color:rgb(36, 25, 220)  
}
```

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(36, 25, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 25, 220) }
```

Border

The CSS property to change the border of an element to YUV 50.5190, 83.5541, -12.7332 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(36, 25, 220) }
```


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

```
.border{ border-color:rgb(36, 25, 220) }
```

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

Here you see how a box with a 4 pixel rgb(36, 25, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 25, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 25, 220);  
box-shadow:4px 4px 4px 4px rgb(36, 25,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 50.5190, 83.5541, -12.7332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 25, 220) }
```

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

```
.background{ background-color: rgb(36, 25,  
220) }
```

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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