

Converting Colors

YUV(81.6390, -12.6400, -5.8224)

Have a look what the booklet for
YUV(81.6390, -12.6400, -5.8224)
contains.

YUV(81.6390, -12.6400, -5.8224)	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(81.6390, -12.6400,
-5.8224)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5A38
RGB	75, 90, 56
RGB Percent	29%, 35%, 22%
CMY	0.7059, 0.6471, 0.7804
CMYK	0.17, 0.00, 0.38, 0.65
HSL	86°, 23%, 29%
HSV	86°, 38%, 35%
XYZ	7.2716, 9.0937, 5.1134
YIQ	81.6390, 1.9740, -13.7540

Conversions

Conversions Part 2

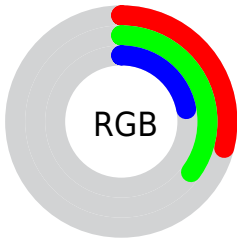
Format	Color
RYB	56, 90, 71
Decimal	4938296
CIELab	36.16, -12.59, 17.78
CIElCh	36, 21.784, 125.291
Yxy	9.0937, 0.3386, 0.4234
Android (android.graphics.Color)	4283128376 (0xFF4B5A38)
YUV	81.6390, -12.6400, -5.8224
Hunter-Lab	30.1558, -9.7299, 11.0555

Details

The YUV color **81.6390, -12.6400, -5.8224** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **64.3610, 12.6400, 5.8224**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.9980, -13.8030, -6.1372**, and **36.2800, -11.4770, -5.5076** is the 20% darker color. If you saturate the color by 10%, you get **79.4170, -15.9816, -7.3817**, and if you desaturate by 10%, it is **83.8610, -9.2985, -4.2631**.

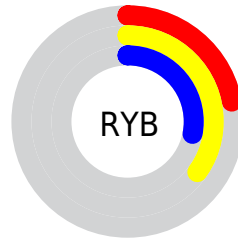
Distribution



Red (29%)

Green (35%)

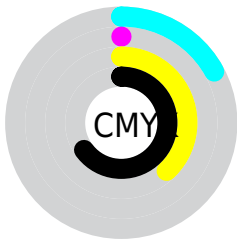
Blue (22%)



Red (22%)

Yellow (35%)

Blue (28%)

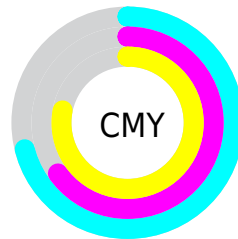


Cyan (17%)

Magenta (0%)

Yellow (38%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.6390, -12.6400, -5.8224 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 81.6390, -12.6400, -5.8224 by changing the saturation by 10% instead.

■ 81.6390, -12.6400,
-5.8224

■ 81.6390, -12.6400,
-5.8224

■ 255.0000, 0.0000,
0.0000

■ 58.7530, -12.2032,
-5.9224

■ 130.9980,
-13.8030, -6.1372

■ 36.2800, -11.4770,
-5.5076

■ 156.9980,
-13.8030, -6.1372

■ 15.2730, -7.5296,
-11.6404

■ 184.4710,
-14.5292, -6.5521

■ 0.0000, 0.0000,
0.0000

■ 212.3570,
-14.9660, -6.4521

■ 240.2430,
-15.4028, -6.3521

■ 253.0620, -7.4256,

1.6996

■ 81.6390, -12.6400,
-5.8224

■ 81.6390, -12.6400,
-5.8224

■ 79.4170, -15.9816,
-7.3817

■ 83.8610, -9.2985,
-4.2631

■ 77.1950, -19.3231,
-8.9410

■ 86.0830, -5.9569,
-2.7038

■ 74.9730, -22.6647,
-10.5003

■ 88.3050, -2.6154,
-1.1445

■ 72.7510, -26.0062,
-12.0596

■ 90.5270, 0.7262,
0.4148

■ 70.5290, -29.3478,
-13.6189

■ 92.7490, 4.0677,
1.9741

■ 68.3070, -32.6894,
-15.1782

■ 94.9710, 7.4093,
3.5334

■ 67.7800, -33.4155,
-15.5931

■ 97.1930, 10.7509,
5.0927

■ 99.4150, 14.0924,
6.6520

■ 101.6370, 17.4340,
8.2114

Harmonies

Analogous

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



83.7010, -16.6146, 9.0322



81.6390, -12.6400, -5.8224



78.7170, -4.2975, -21.6768

Triad

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



81.6390, -12.6400, -5.8224



77.4050, 19.0273, -36.3122



87.3070, -2.1234, 27.7948

Complementary

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



81.6390, -12.6400, -5.8224



64.3610, 12.6400, 5.8224

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.



87.7280, 6.0501, 19.5325



81.6390, -12.6400, -5.8224



83.5970, 17.9467, -16.3096

Square

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



81.6390, -12.6400, -5.8224



72.5300, 16.0077, -47.8228



86.5780, 13.5190, 3.8781



86.2440, -9.9803, 27.8500

Rectangle

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



81.6390, -12.6400, -5.8224



76.1870, 2.8658, -32.6130



86.5780, 13.5190, 3.8781



87.3930, 0.7923, 25.9653

Sweetspot

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



81.6390, -12.6400, -5.8224



114.0230, -4.9413, -1.7742



74.9710, -9.3527, 13.1804



56.8920, -2.9048, -1.6593



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



81.6390, -12.6400, -5.8224



104.1950, -19.3231, -8.9410



76.5560, -10.1341, -16.2736



44.8320, -1.8892, -0.7297



82.8090, -40.8248, -19.1265



178.8860, -88.1908, -40.2420

Inverse Universe

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



64.3610, 12.6400, 5.8224



77.8050, 19.3231, 8.9410



69.4440, 10.1341, 16.2736



42.1680, 1.8892, 0.7297



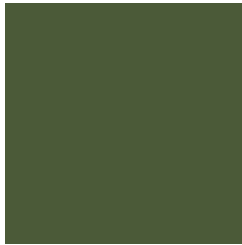
26.8920, 40.9722, 18.5117



58.4130, 88.0434, 40.8568

Previews

White Background



This preview shows how the YUV color 81.6390, -12.6400, -5.8224 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 81.6390, -12.6400, -5.8224 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 81.6390, -12.6400, -5.8224

Background



This preview shows how black text looks on a background with the YUV color 81.6390, -12.6400, -5.8224.



This preview shows how white text looks on a background with the YUV color 81.6390, -12.6400,

-5.8224.

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

81.6390, -12.6400, -5.8224

Protanopia

83.5590, -14.5726, 7.4028

Deuteranopia

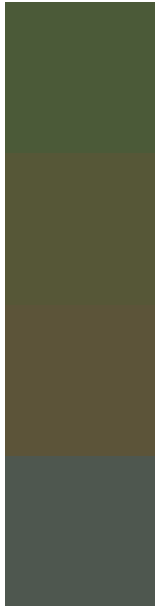
84.3580, -12.9945, 14.5950



Tritanopia

84.8900, 3.5052, -4.2885

Trichromacy



Original Color

81.6390, -12.6400, -5.8224

Protanomaly

83.0530, -13.8301, 2.5845

Deuteranomaly

83.3140, -12.9728, 7.6176

Tritanomaly

83.3970, -2.1677, -4.7332

Monochromacy



Original Color

81.6390, -12.6400, -5.8224

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8380, -4.3571, -2.4889

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.6390, -12.6400, -5.8224 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(75, 90, 56)` looks like.

```
.text, #text, p{  
    color:rgb(75, 90, 56)  
}
```

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(75, 90, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 90, 56) }
```

Border

The CSS property to change the border of an element to YUV 81.6390, -12.6400, -5.8224 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(75, 90, 56) }
```


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

```
.border{ border-color:rgb(75, 90, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 90, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 90, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 90, 56);  
box-shadow:4px 4px 4px 4px rgb(75, 90, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.6390, -12.6400, -5.8224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 90, 56) }
```

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

```
.background{ background-color: rgb(75, 90,  
56) }
```

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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