

Converting Colors

YUV(112.6390, -2.7800,
-41.7794)

Have a look what the booklet for
YUV(112.6390, -2.7800, -41.7794)
contains.

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Color

**YUV(112.6390, -2.7800,
-41.7794)**

Conversions

Conversions Part 1

Format	Color
Hex	418A6B
RGB	65, 138, 107
RGB Percent	25%, 54%, 42%
CMY	0.7451, 0.4588, 0.5804
CMYK	0.53, 0.00, 0.22, 0.46
HSL	155°, 36%, 40%
HSV	155°, 53%, 54%
XYZ	13.9223, 20.3623, 17.1065
YIQ	112.6390, -33.5570, -25.1170

Conversions

Conversions Part 2

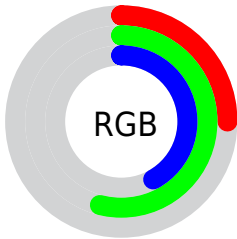
Format	Color
RYB	65, 111, 138
Decimal	4295275
CIELab	52.24, -30.59, 9.74
CIELCh	52, 32.103, 162.330
Yxy	20.3623, 0.2709, 0.3962
Android (android.graphics.Color)	4282485355 (0xFF418A6B)
YUV	112.6390, -2.7800, -41.7794
Hunter-Lab	45.1246, -23.8955, 9.1108

Details

The YUV color **112.6390, -2.7800, -41.7794** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **90.3610, 2.7800, 41.7794**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9980, -3.9430, -42.0942**, and **57.9090, 1.0309, -50.7862** is the 20% darker color. If you saturate the color by 10%, you get **107.7690, -3.3371, -49.7864**, and if you desaturate by 10%, it is **117.5090, -2.2229, -33.7724**.

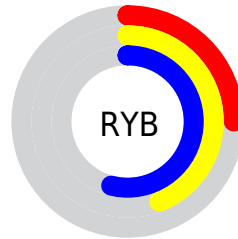
Distribution



Red (25%)

Green (54%)

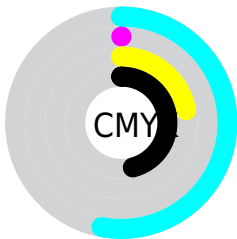
Blue (42%)



Red (25%)

Yellow (44%)

Blue (54%)

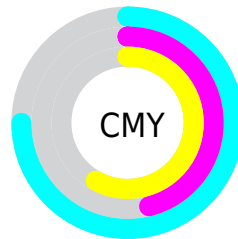


Cyan (53%)

Magenta (0%)

Yellow (22%)

Black (46%)



Cyan (75%)

Magenta (46%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6390, -2.7800, -41.7794 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 112.6390, -2.7800, -41.7794 by changing the saturation by 10% instead.

■ 112.6390, -2.7800,
-41.7794

■ 112.6390, -2.7800,
-41.7794

■ 255.0000, 0.0000,
0.0000

■ 86.2690, -1.6116,
-43.2089

■ 165.9980, -3.9430,
-42.0942

■ 57.9090, 1.0309,
-50.7862

■ 193.5850, -4.2324,
-42.6090

■ 41.3130, -1.6333,
-36.2315

■ 222.1720, -4.5218,
-43.1238

■ 26.0050, -4.4395,
-22.8064

■ 237.2580, 1.8448,
-31.7983

■ 8.8050, -4.3409,
-7.7220

■ 247.5250, 3.6852,
-15.3694

■ 0.0000, 0.0000,
0.0000

■ 112.6390, -2.7800,
-41.7794

■ 112.6390, -2.7800,
-41.7794

■ 107.7690, -3.3371,
-49.7864

■ 117.5090, -2.2229,
-33.7724

■ 102.8990, -3.8942,
-57.7934

■ 122.3790, -1.6658,
-25.7654

■ 98.3280, -4.5987,
-65.1857

■ 126.9500, -0.9614,
-18.3732

■ 93.5720, -4.7190,
-73.2926

■ 131.7060, -0.8411,
-10.2662

■ 90.0120, -5.4289,
-78.9405

■ 136.5760, -0.2840,
-2.2592

■ 141.4460, 0.2731,
5.7479

■ 146.3160, 0.8302,
13.7549

■ 150.8870, 1.5347,

21.1471

■ 155.7570, 2.0918,
29.1541

Harmonies

Analogous

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



118.3190, -17.4123, -15.1888



112.6390, -2.7800, -41.7794



99.9730, 17.2683, -78.9063

Triad

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



112.6390, -2.7800, -41.7794



123.2900, 26.9720, -17.7943



125.2690, -17.8806, 41.8601

Complementary

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



112.6390, -2.7800, -41.7794



90.3610, 2.7800, 41.7794

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.



126.6790, -6.2507, 45.0085



112.6390, -2.7800, -41.7794



127.5990, 18.4387, 12.6297

Square

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



112.6390, -2.7800, -41.7794



112.9110, 31.5959, -54.2959



128.0550, 6.8749, 35.0318



123.5310, -25.4048, 28.4753

Rectangle

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



112.6390, -2.7800, -41.7794



98.4480, 26.8941, -86.3389



128.0550, 6.8749, 35.0318



125.9040, -14.2497, 43.9342

Sweetspot

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



112.6390, -2.7800, -41.7794



168.8470, -1.4036, -16.5288



117.4190, -25.8426, -17.9075



83.1190, -0.5517, -9.7514



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



112.6390, -2.7800, -41.7794



139.7410, -4.3093, -64.6709



113.2380, 12.2077, -42.3047



66.5650, -0.2785, -4.0035



86.7350, -5.2924, -76.0666



3.2770, -0.1366, -2.8739

Inverse Universe

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



90.3610, 2.7800, 41.7794



105.2590, 4.3093, 64.6709



89.7620, -12.2077, 42.3047



64.4350, 0.2785, 4.0035



46.1510, 4.8556, 76.1666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 112.6390, -2.7800, -41.7794 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.6390, -2.7800, -41.7794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

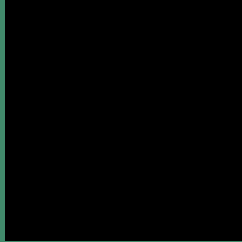
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.6390, -2.7800, -41.7794

Background



This preview shows how black text looks on a background with the YUV color 112.6390, -2.7800, -41.7794.



This preview shows how white text looks on a background with the YUV color 112.6390, -2.7800,

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

112.6390, -2.7800, -41.7794

Protanopia

123.3570, -11.5150, 6.7029

Deuteranopia

124.6660, -6.7373, 14.3249



Tritanopia

117.2110, 13.2070, -36.1420

Trichromacy



Original Color

112.6390, -2.7800, -41.7794

Protanomaly

119.4580, -8.1138, -10.9257

Deuteranomaly

120.2890, -5.0725, -6.3925

Tritanomaly

115.7070, 7.5394, -38.3310

Monochromacy



Original Color

112.6390, -2.7800, -41.7794

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.9720, -0.9722, -14.8844

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6390, -2.7800, -41.7794 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(65, 138, 107)` looks like.

```
.text, #text, p{  
    color:rgb(65, 138, 107)  
}
```

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(65, 138, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 138, 107) }
```

Border

The CSS property to change the border of an element to YUV 112.6390, -2.7800, -41.7794 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(65, 138, 107) }
```


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

```
.border{ border-color:rgb(65, 138, 107) }
```

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

Here you see how a box with a 4 pixel rgb(65, 138, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 138, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 138, 107);  
box-shadow:4px 4px 4px 4px rgb(65, 138,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 112.6390, -2.7800, -41.7794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 138, 107) }
```

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

```
.background{ background-color: rgb(65, 138,  
107) }
```

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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