

Converting Colors

YUV(112.2390, -5.5408,
50.6564)

Have a look what the booklet for
YUV(112.2390, -5.5408, 50.6564)
contains.

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Color

**YUV(112.2390, -5.5408,
50.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	AA5565
RGB	170, 85, 101
RGB Percent	67%, 33%, 40%
CMY	0.3333, 0.6667, 0.6039
CMYK	0.00, 0.50, 0.41, 0.33
HSL	349°, 33%, 50%
HSV	349°, 50%, 67%
XYZ	22.1750, 15.9826, 14.2281
YIQ	112.2390, 45.5240, 22.9960

Conversions

Conversions Part 2

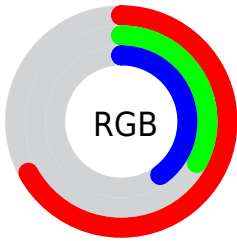
Format	Color
R_{YB}	170, 85, 101
Decimal	11162981
CIE _{Lab}	46.95, 36.46, 7.05
CIE _{LCh}	47, 37.138, 10.938
Yxy	15.9826, 0.4233, 0.3051
Android (android.graphics.Color)	4289353061 (0xFFAA5565)
YUV	112.2390, -5.5408, 50.6564
Hunter-Lab	39.9783, 29.0478, 6.8837

Details

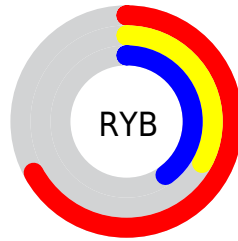
The YUV color **112.2390, -5.5408, 50.6564** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **142.7610, 5.5408, -50.6564**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9190, -6.8621, 54.4450**, and **60.7870, -3.3460, 46.6678** is the 20% darker color. If you saturate the color by 10%, you get **100.6640, -6.7364, 60.8077**, and if you desaturate by 10%, it is **123.8140, -4.3453, 40.5051**.

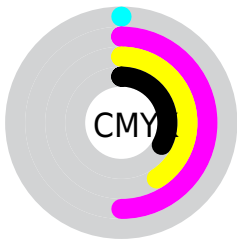
Distribution



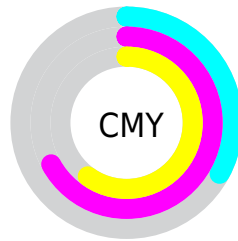
- Red (67%)
- Green (33%)
- Blue (40%)



- Red (67%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (50%)
- Yellow (41%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.2390, -5.5408, 50.6564 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 112.2390, -5.5408, 50.6564 by changing the saturation by 10% instead.


 112.2390, -5.5408,
50.6564

 112.2390, -5.5408,
50.6564


255.0000, 0.0000,
0.0000

 86.4560, -4.6618,
48.7121


 165.9190, -6.8621,
54.4450


 60.7870, -3.3460,
46.6678


 192.8050, -7.2989,
54.5450


 33.5960, -0.2938,
47.7123

 211.8460, -2.8821,
37.8461

 19.6780, -4.7713,
37.1164

 232.0610, 0.9559,
20.1175

 11.1770, -5.0173,
22.6468

 251.4780, 1.7363,
3.0888

 0.0000, 0.0000,
0.0000

■ 112.2390, -5.5408,
50.6564

■ 112.2390, -5.5408,
50.6564

■ 100.6640, -6.7364,
60.8077

■ 123.8140, -4.3453,
40.5051

■ 89.0890, -7.9319,
70.9589

■ 135.3890, -3.1498,
30.3538

■ 77.6280, -8.6906,
81.0102

■ 146.8500, -2.3910,
20.3026

■ 66.0530, -9.8861,
91.1615

■ 158.4250, -1.1955,
10.1513

■ 54.4780, -11.0817,
101.3128

■ 170.0000, 0.0000,
0.0000

■ 181.5750, 1.1955,
-10.1513

■ 193.1500, 2.3911,
-20.3025

■ 204.6110, 3.1498,

-30.3538

■ 216.1860, 4.3453,
-40.5051

Harmonies

Analogous

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



113.9460, 8.9006, 38.6354



112.2390, -5.5408, 50.6564



110.9600, -19.2073, 47.3931

Triad

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



112.2390, -5.5408, 50.6564



103.5100, -20.4644, -16.2333



89.8200, 39.5287, -78.7721

Complementary

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



112.2390, -5.5408, 50.6564



142.7610, 5.5408, -50.6564

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.



91.1760, 29.4932, -79.9614



112.2390, -5.5408, 50.6564



95.2850, -2.6055, -51.1159

Square

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



112.2390, -5.5408, 50.6564



107.3840, -29.2763, 10.1872



88.4570, 16.5367, -77.5768



108.3860, 31.3617, -25.7715

Rectangle

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



112.2390, -5.5408, 50.6564



110.6570, -26.4529, 38.0118



88.4570, 16.5367, -77.5768



90.4240, 36.7660, -79.3018

Sweetspot

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



112.2390, -5.5408, 50.6564



199.5510, -2.2436, 19.6878



115.0220, 27.1042, 33.3067



98.4360, -1.2009, 11.8956



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



112.2390, -5.5408, 50.6564



131.6170, -8.6852, 79.2659



125.0900, -19.7644, 39.3861



78.5060, -0.7425, 4.8182



47.4440, -9.5859, 88.1876



6.4360, -1.2009, 11.8956

Inverse Universe

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



112.2390, -5.5408, 50.6564



131.6170, -8.6852, 79.2659



129.3230, 20.0538, -38.8713



78.5060, -0.7425, 4.8182



47.4440, -9.5859, 88.1876



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 112.2390, -5.5408, 50.6564 looks on a white background.

Color Contrast Check

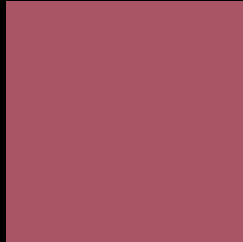
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.2390, -5.5408, 50.6564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

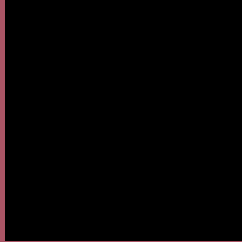
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.2390, -5.5408, 50.6564

Background



This preview shows how black text looks on a background with the YUV color 112.2390, -5.5408, 50.6564.



This preview shows how white text looks on a background with the YUV color 112.2390, -5.5408,

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

112.2390, -5.5408, 50.6564

Protanopia

112.0540, 1.4524, 0.8296

Deuteranopia

112.7260, -7.7529, 13.3953



Tritanopia

111.6150, -9.1772, 50.3266

Trichromacy



Original Color

112.2390, -5.5408, 50.6564

Protanomaly

112.4800, -1.2226, 18.8730

Deuteranomaly

112.6290, -7.2121, 26.6354

Tritanomaly

111.9570, -7.8668, 50.0267

Monochromacy



Original Color

112.2390, -5.5408, 50.6564

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9530, -1.9488, 18.4582

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2390, -5.5408, 50.6564 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(170, 85, 101)` looks like.

```
.text, #text, p{  
    color:rgb(170, 85, 101)  
}
```

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(170, 85, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 85, 101) }
```

Border

The CSS property to change the border of an element to YUV 112.2390, -5.5408, 50.6564 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(170, 85, 101) }
```


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

```
.border{ border-color:rgb(170, 85, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 85, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 85, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 85, 101); box-shadow:4px 4px 4px 4px rgb(170, 85, 101) }
```

Background

The CSS property to change the background color of an element to YUV 112.2390, -5.5408, 50.6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 85, 101) }
```

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

```
.background{ background-color: rgb(170, 85,  
101) }
```

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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