

Converting Colors

YUV(107.3210, -20.3713,
0.5955)

Have a look what the booklet for
YUV(107.3210, -20.3713, 0.5955)
contains.

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Color

**YUV(107.3210, -20.3713,
0.5955)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7342
RGB	108, 115, 66
RGB Percent	42%, 45%, 26%
CMY	0.5765, 0.5490, 0.7412
CMYK	0.06, 0.00, 0.43, 0.55
HSL	69°, 27%, 35%
HSV	69°, 43%, 45%
XYZ	13.2984, 15.8430, 7.5114
YIQ	107.3210, 11.5570, -16.7230

Conversions

Conversions Part 2

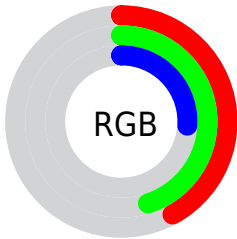
Format	Color
RYB	66, 115, 73
Decimal	7107394
CIELab	46.77, -10.98, 26.19
CIElCh	47, 28.403, 112.740
Yxy	15.8430, 0.3628, 0.4322
Android (android.graphics.Color)	4285297474 (0xFF6C7342)
YUV	107.3210, -20.3713, 0.5955
Hunter-Lab	39.8032, -10.0179, 16.6735

Details

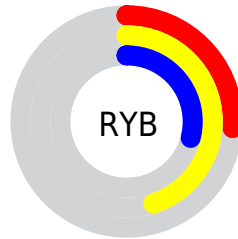
The YUV color **107.3210, -20.3713, 0.5955** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **73.6790, 20.3713, -0.5955**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9790, -21.6816, 0.8954**, and **59.3640, -18.9135, -0.3192** is the 20% darker color. If you saturate the color by 10%, you get **105.4690, -24.8812, 0.4657**, and if you desaturate by 10%, it is **109.2870, -15.4245, 0.6253**.

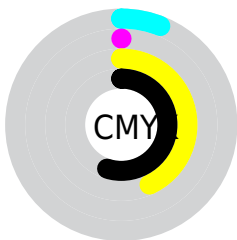
Distribution



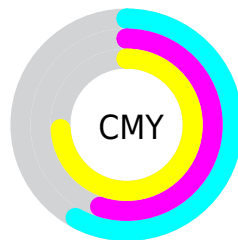
- Red (42%)
- Green (45%)
- Blue (26%)



- Red (26%)
- Yellow (45%)
- Blue (29%)



- Cyan (6%)
- Magenta (0%)
- Yellow (43%)
- Black (55%)



- Cyan (58%)
- Magenta (55%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.3210, -20.3713, 0.5955 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 107.3210, -20.3713, 0.5955 by changing the saturation by 10% instead.

■ 107.3210,
-20.3713, 0.5955

■ 107.3210,
-20.3713, 0.5955

■ 255.0000, 0.0000,
0.0000

■ 82.5490, -19.4977,
0.3955

■ 158.9790,
-21.6816, 0.8954

■ 59.3640, -18.9135,
-0.3192

■ 186.1640,
-22.2659, 1.6102

■ 37.4780, -18.4767,
-0.4192

■ 213.9360,
-23.1394, 1.8101

■ 17.3660, -8.5614,
-7.3370

■ 241.9360,
-23.1394, 1.8101

■ 0.0000, 0.0000,
0.0000

■ 251.3520,
-13.9775, 3.1993

■ 254.5440, -1.7472,

0.3999

■ 107.3210,
-20.3713, 0.5955

■ 107.3210,
-20.3713, 0.5955

■ 105.4690,
-24.8812, 0.4657

■ 109.2870,
-15.4245, 0.6253

■ 103.8020,
-29.9754, 1.0506

■ 110.8400,
-10.7671, 0.1403

■ 101.9500,
-34.4853, 0.9209

■ 112.8060, -5.8204,
0.1701

■ 99.9840, -39.4321,
0.8910

■ 114.6580, -1.3104,
0.2999

■ 98.4310, -44.0895,
1.3760

■ 116.3250, 3.7838,
-0.2850

■ 97.1060, -47.8733,
1.6610

■ 118.1770, 8.2937,
-0.1552

■ 120.1430, 13.2405,
-0.1254

■ 121.6960, 17.8979,
-0.6104

■ 123.6620, 22.8446,
-0.5806

Harmonies

Analogous

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



109.4590, -22.9043, 19.7685



107.3210, -20.3713, 0.5955



103.5940, -11.1388, -20.6919

Triad

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



107.3210, -20.3713, 0.5955



92.6830, 27.2713, -67.2510



113.7900, 2.0755, 34.3872

Complementary

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



107.3210, -20.3713, 0.5955



73.6790, 20.3713, -0.5955

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.



113.8510, 12.8915, 18.5477



107.3210, -20.3713, 0.5955



104.9520, 26.1527, -35.0379

Square

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



107.3210, -20.3713, 0.5955



87.6900, 19.8728, -74.2731



111.8740, 21.2611, -6.0285



112.2500, -8.9972, 39.2458

Rectangle

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



107.3210, -20.3713, 0.5955



101.0850, -2.5069, -36.0315



111.8740, 21.2611, -6.0285



114.0930, 5.8702, 30.6134

Sweetspot

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



107.3210, -20.3713, 0.5955



147.2360, -8.0043, 0.6700



84.7600, -9.2487, 26.5205



74.9200, -5.3836, 0.0702



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



107.3210, -20.3713, 0.5955



138.0470, -31.5752, 0.8358



100.1450, -16.8335, -14.1592



58.0170, -2.4734, -0.0149



103.0090, -50.7834, 1.7461



210.7360, -103.8928, 2.8625

Inverse Universe

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



73.6790, 20.3713, -0.5955



85.9530, 31.5752, -0.8358



80.8550, 16.8335, 14.1592



53.9830, 2.4734, 0.0149



18.9910, 50.7834, -1.7461



39.2640, 103.8928, -2.8625

Previews

White Background



This preview shows how the YUV color 107.3210, -20.3713, 0.5955 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 107.3210, -20.3713, 0.5955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

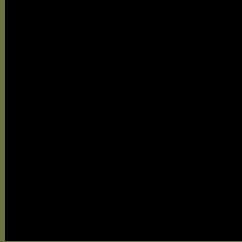
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

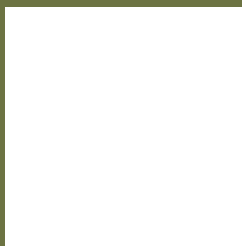
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 107.3210, -20.3713, 0.5955

Background



This preview shows how black text looks on a background with the YUV color 107.3210, -20.3713, 0.5955.



This preview shows how white text looks on a background with the YUV color 107.3210, -20.3713,

0.5955.

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

107.3210, -20.3713, 0.5955

Protanopia

108.6320, -22.0036, 10.8467

Deuteranopia

110.0400, -20.7257, 21.0129



Tritanopia

111.5210, 3.1941, 2.1741

Trichromacy



Original Color

107.3210, -20.3713, 0.5955

Protanomaly

107.8380, -21.1191, 7.1581

Deuteranomaly

108.9960, -20.7040, 14.0355

Tritanomaly

109.9310, -5.3890, 1.8145

Monochromacy



Original Color

107.3210, -20.3713, 0.5955

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0510, -7.4201, -0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.3210, -20.3713, 0.5955 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(108, 115, 66)` looks like.

```
.text, #text, p{  
    color:rgb(108, 115, 66)  
}
```

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(108, 115, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 115, 66) }
```

Border

The CSS property to change the border of an element to YUV 107.3210, -20.3713, 0.5955 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(108, 115, 66) }
```


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

```
.border{ border-color:rgb(108, 115, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 115, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 115, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 115, 66);  
box-shadow:4px 4px 4px 4px rgb(108, 115,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 107.3210, -20.3713, 0.5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 115, 66) }
```

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

```
.background{ background-color: rgb(108,  
115, 66) }
```

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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