

Converting Colors

YUV(63.3210, -20.3713, 0.5955)

Have a look what the booklet for
YUV(63.3210, -20.3713, 0.5955)
contains.

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Color

**YUV(63.3210, -20.3713,
0.5955)**

Conversions

Conversions Part 1

Format	Color
Hex	404716
RGB	64, 71, 22
RGB Percent	25%, 28%, 9%
CMY	0.7490, 0.7216, 0.9137
CMYK	0.10, 0.00, 0.69, 0.72
HSL	69°, 53%, 18%
HSV	69°, 69%, 28%
XYZ	4.5124, 5.6544, 1.6126
YIQ	63.3210, 11.5570, -16.7230

Conversions

Conversions Part 2

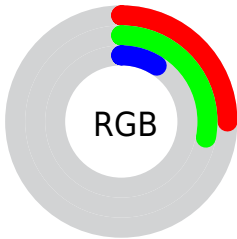
Format	Color
R_{YB}	22, 71, 29
Decimal	4212502
CIE Lab	28.52, -10.86, 27.65
CIE LCh	29, 29.706, 111.449
Yxy	5.6544, 0.3831, 0.4800
Android (android.graphics.Color)	4282402582 (0xFF404716)
YUV	63.3210, -20.3713, 0.5955
Hunter-Lab	23.7790, -7.7402, 12.6244

Details

The YUV color **63.3210, -20.3713, 0.5955** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **29.6790, 20.3713, -0.5955**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.3920, -21.3923, 1.4102**, and **21.8180, -10.7563, -3.3484** is the 20% darker color. If you saturate the color by 10%, you get **62.2240, -23.2814, 0.6806**, and if you desaturate by 10%, it is **64.4180, -17.4611, 0.5104**.

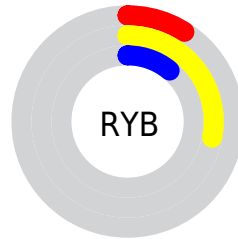
Distribution



Red (25%)

Green (28%)

Blue (9%)



Red (9%)

Yellow (28%)

Blue (11%)

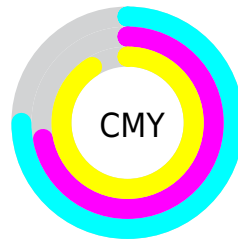


Cyan (10%)

Magenta (0%)

Yellow (69%)

Black (72%)



Cyan (75%)

Magenta (72%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.3210, -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 63.3210, -20.3713, 0.5955 by changing the saturation by 10% instead.

■ 63.3210, -20.3713,
0.5955

■ 63.3210, -20.3713,
0.5955

■ 254.7720, -0.8736,
0.2000

■ 41.3210, -20.3713,
0.5955

■ 111.3920,
-21.3923, 1.4102

■ 21.8180, -10.7563,
-3.3484

■ 137.1640,
-22.2659, 1.6102

■ 0.0000, 0.0000,
0.0000

■ 163.3490,
-22.8501, 2.3249

■ 191.0070,
-24.1605, 2.6249

■ 218.8930,
-24.5972, 2.7248

■ 247.1920,

-24.7447, 3.3396

251.5800,
-13.1039, 2.9993

63.3210, -20.3713,
0.5955

63.3210, -20.3713,
0.5955

62.2240, -23.2814,
0.6806

64.4180, -17.4611,
0.5104

61.1270, -26.1916,
0.7656

65.5150, -14.5509,
0.4253

60.0300, -29.1018,
0.8507

66.6120, -11.6407,
0.3403

59.9160, -29.5386,
0.9507

67.7090, -8.7305,
0.2552

68.9200, -5.3836,
0.0702

■ 70.0170, -2.4734,
-0.0149

■ 71.1140, 0.4368,
-0.1000

■ 72.2110, 3.3470,
-0.1850

■ 73.3080, 6.2572,
-0.2701

Harmonies

Analogous

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



65.5620, -22.4621, 17.9241



63.3210, -20.3713, 0.5955



59.5940, -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.



63.3210, -20.3713, 0.5955



56.9410, 22.7071, -49.9373



68.4200, 3.2439, 32.9577

Complementary

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



63.3210, -20.3713, 0.5955



29.6790, 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.



69.8400, 12.8969, 16.8033



63.3210, -20.3713, 0.5955



55.0320, 28.0852, -48.2631

Square

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



63.3210, -20.3713, 0.5955



55.8350, 13.3923, -48.9673



67.1510, 21.1246, -8.9024



66.9940, -7.3920, 37.7163

Rectangle

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



63.3210, -20.3713, 0.5955



52.3120, -0.1538, -44.1236



67.1510, 21.1246, -8.9024



68.6090, 6.6018, 29.2839

Sweetspot

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



63.3210, -20.3713, 0.5955



88.9370, -7.8569, 0.0553



40.7600, -9.2487, 26.5205



44.0340, -4.9468, -0.0298



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



63.3210, -20.3713, 0.5955



80.0470, -31.5752, 0.8358



56.1450, -16.8335, -14.1592



35.2450, -1.5998, -0.2149



83.5280, -41.1793, 1.2909



191.5540, -94.4361, 3.0221

Inverse Universe

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



29.6790, 20.3713, -0.5955



27.6540, 31.7226, -1.4506



36.8550, 16.8335, 14.1592



32.7550, 1.5998, 0.2149



15.4720, 41.1793, -1.2909



35.4460, 94.4361, -3.0221

Previews

White Background



This preview shows how the YUV color 63.3210, -20.3713, 0.5955 looks on a white background.

Color Contrast Check

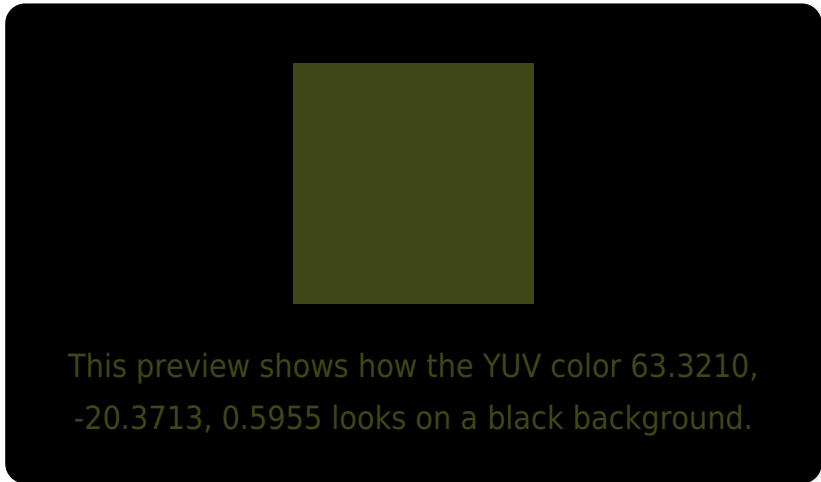
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

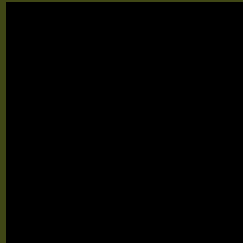
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

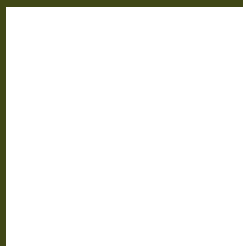
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 63.3210, -20.3713, 0.5955

Background



This preview shows how black text looks on a background with the YUV color 63.3210, -20.3713, 0.5955.



This preview shows how white text looks on a background with the YUV color 63.3210, -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

63.3210, -20.3713, 0.5955

Protanopia

64.1480, -21.2720, 9.5172

Deuteranopia

65.5340, -19.9833, 16.1947



Tritanopia

67.5810, 2.1786, 1.2445

Trichromacy



Original Color

63.3210, -20.3713, 0.5955

Protanomaly

63.5390, -20.9717, 6.5433

Deuteranomaly

65.0880, -20.2564, 10.4468

Tritanomaly

66.1050, -5.9678, 0.7849

Monochromacy



Original Color

63.3210, -20.3713, 0.5955

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0510, -7.4201, -0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.3210, -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(64, 71, 22)` looks like.

```
.text, #text, p{  
    color:rgb(64, 71, 22)  
}
```

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(64, 71, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 71, 22) }
```

Border

The CSS property to change the border of an element to YUV 63.3210, -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(64, 71, 22) }
```


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

```
.border{ border-color:rgb(64, 71, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 71, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 71, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 71, 22);  
box-shadow:4px 4px 4px 4px rgb(64, 71, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.3210, -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(64, 71, 22) }
```

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

```
.background{ background-color: rgb(64, 71,  
22) }
```

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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