

Converting Colors

YUV(55.9570, -21.6708, -2.5933)

Have a look what the booklet for
YUV(55.9570, -21.6708, -2.5933)
contains.

YUV(55.9570, -21.6708, -2.5933)	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(55.9570, -21.6708,
-2.5933)**

Conversions

Conversions Part 1

Format	Color
Hex	35420C
RGB	53, 66, 12
RGB Percent	21%, 26%, 5%
CMY	0.7922, 0.7412, 0.9529
CMYK	0.20, 0.00, 0.82, 0.74
HSL	74°, 69%, 15%
HSV	74°, 82%, 26%
XYZ	3.4828, 4.6799, 1.0676
YIQ	55.9570, 9.5860, -19.5500

Conversions

Conversions Part 2

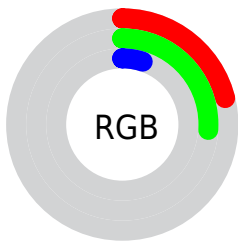
Format	Color
R_{YB}	12, 66, 25
Decimal	3490316
CIE Lab	25.80, -14.11, 29.27
CIE LCh	26, 32.491, 115.740
Yxy	4.6799, 0.3773, 0.5070
Android (android.graphics.Color)	4281680396 (0xFF35420C)
YUV	55.9570, -21.6708, -2.5933
Hunter-Lab	21.6330, -9.1203, 12.2172

Details

The YUV color **55.9570, -21.6708, -2.5933** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22.0430, 21.6708, 2.5933**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.0280, -22.6918, -1.7786**, and **14.6750, -7.2348, -12.8700** is the 20% darker color. If you saturate the color by 10%, you get **54.5610, -24.4336, -3.1230**, and if you desaturate by 10%, it is **57.3530, -18.9080, -2.0636**.

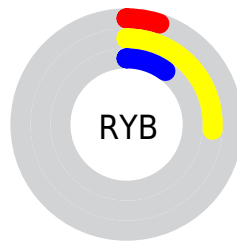
Distribution



Red (21%)

Green (26%)

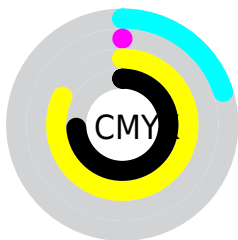
Blue (5%)



Red (5%)

Yellow (26%)

Blue (10%)

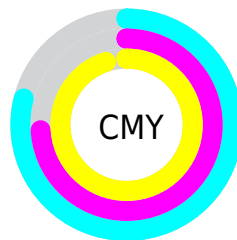


Cyan (20%)

Magenta (0%)

Yellow (82%)

Black (74%)



Cyan (79%)

Magenta (74%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.9570, -21.6708, -2.5933 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 55.9570, -21.6708, -2.5933 by changing the saturation by 10% instead.

■ 55.9570, -21.6708,
-2.5933

■ 55.9570, -21.6708,
-2.5933

■ 253.5180, -5.6784,
1.2997

■ 35.3960, -17.4502,
-2.9783

■ 104.0280,
-22.6918, -1.7786

■ 14.6750, -7.2348,
-12.8700

■ 128.9140,
-23.1286, -1.6786

■ 0.0000, 0.0000,
0.0000

■ 155.6860,
-24.0022, -1.4786

■ 182.4580,
-24.8758, -1.2787

■ 210.3440,
-25.3126, -1.1787

■ 238.2300,

-25.7494, -1.0787

■ 250.3260,
-17.9087, 4.0991

■ 55.9570, -21.6708,
-2.5933

■ 55.9570, -21.6708,
-2.5933

■ 54.5610, -24.4336,
-3.1230

■ 57.3530, -18.9080,
-2.0636

■ 53.6920, -26.4702,
-3.2379

■ 58.3360, -16.4346,
-2.0487

■ 59.7320, -13.6719,
-1.5190

■ 60.7150, -11.1985,
-1.5041

■ 62.1110, -8.4357,
-0.9743

■ 63.5070, -5.6730,
-0.4446

■ 64.4900, -3.1996,
-0.4297

■ 65.8860, -0.4368,
0.1000

■ 66.8690, 2.0366,
0.1149

Harmonies

Analogous

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



58.3400, -25.8036, 16.3648



55.9570, -21.6708, -2.5933



50.4190, -9.0806, -27.5545

Triad

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



55.9570, -21.6708, -2.5933



52.7180, 24.2960, -46.2337



60.6270, 2.6489, 37.1611

Complementary

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



55.9570, -21.6708, -2.5933



22.0430, 21.6708, 2.5933

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.



62.8730, 12.8806, 22.0364



55.9570, -21.6708, -2.5933



50.6950, 29.2374, -44.4595

Square

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



55.9570, -21.6708, -2.5933



52.1990, 14.6919, -45.7785



61.4010, 21.9873, -5.6137



59.5490, -9.1447, 39.8605

Rectangle

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



55.9570, -21.6708, -2.5933



47.7360, 0.1302, -41.8645



61.4010, 21.9873, -5.6137



61.8160, 6.0067, 33.4874

Sweetspot

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



55.9570, -21.6708, -2.5933



82.6980, -8.7251, -1.4891



35.7770, -11.7221, 26.5056



40.6210, -5.2362, -0.5446



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



55.9570, -21.6708, -2.5933



71.0310, -34.0323, -4.4122



47.8840, -17.6908, -19.1923



32.3590, -1.1630, -0.3148



79.0650, -38.9790, -4.4420



182.3180, -89.8828, -10.8029

Inverse Universe

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



22.0430, 21.6708, 2.5933



17.6700, 34.1797, 3.7974



30.1160, 17.6908, 19.1923



30.6410, 1.1630, 0.3148



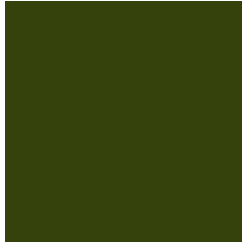
17.9350, 38.9790, 4.4420



41.6820, 89.8828, 10.8029

Previews

White Background



This preview shows how the YUV color 55.9570, -21.6708, -2.5933 looks on a white background.

Color Contrast Check

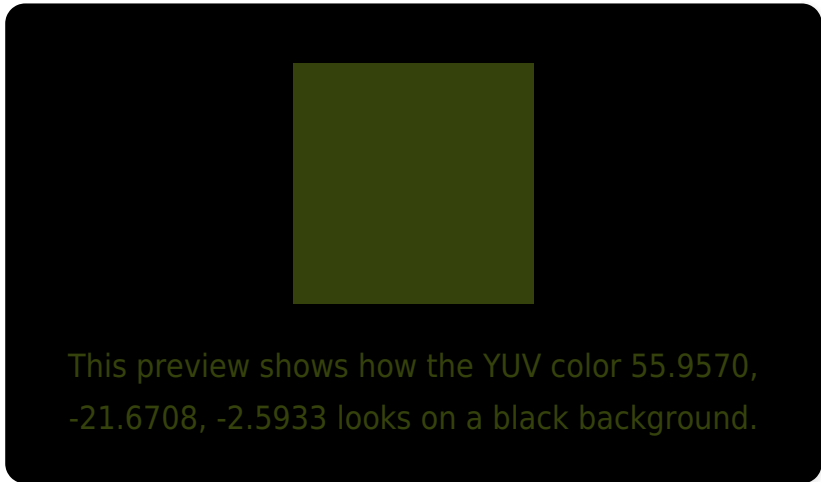
Large Text (above 18pt) WCAG AA ✓ Pass

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

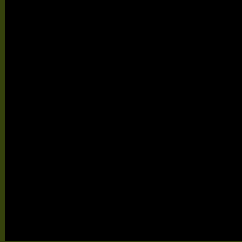
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.9570, -21.6708, -2.5933

Background



This preview shows how black text looks on a background with the YUV color 55.9570, -21.6708, -2.5933.



This preview shows how white text looks on a background with the YUV color 55.9570, -21.6708,

-2.5933.

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

55.9570, -21.6708, -2.5933

Protanopia

57.6920, -23.0192, 9.9171

Deuteranopia

58.8930, -21.1462, 15.8798



Tritanopia

60.6730, 2.6262, -2.3442

Trichromacy



Original Color

55.9570, -21.6708, -2.5933

Protanomaly

57.0720, -22.7135, 5.1989

Deuteranomaly

57.8490, -21.1246, 8.9024

Tritanomaly

58.9690, -6.3937, -2.6038

Monochromacy



Original Color

55.9570, -21.6708, -2.5933

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.2250, -7.9989, -1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.9570, -21.6708, -2.5933 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(53, 66, 12)` looks like.

```
.text, #text, p{  
    color:rgb(53, 66, 12)  
}
```

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(53, 66, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 66, 12) }
```

Border

The CSS property to change the border of an element to YUV 55.9570, -21.6708, -2.5933 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(53, 66, 12) }
```


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

```
.border{ border-color:rgb(53, 66, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 66, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 66, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 66, 12);  
box-shadow:4px 4px 4px 4px rgb(53, 66, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.9570, -21.6708, -2.5933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 66, 12) }
```

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

```
.background{ background-color: rgb(53, 66,  
12) }
```

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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