

Converting Colors

YUV(55.6210, -8.6872, -13.6996)

Have a look what the booklet for
YUV(55.6210, -8.6872, -13.6996)
contains.

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Color

**YUV(55.6210, -8.6872,
-13.6996)**

Conversions

Conversions Part 1

Format	Color
Hex	284326
RGB	40, 67, 38
RGB Percent	16%, 26%, 15%
CMY	0.8431, 0.7373, 0.8510
CMYK	0.40, 0.00, 0.43, 0.74
HSL	116°, 28%, 21%
HSV	116°, 43%, 26%
XYZ	3.2321, 4.6054, 2.5523
YIQ	55.6210, -6.7830, -14.7430

Conversions

Conversions Part 2

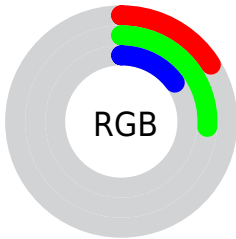
Format	Color
RYB	38, 67, 65
Decimal	2638630
CIELab	25.58, -17.23, 14.45
CIELCh	26, 22.490, 140.020
Yxy	4.6054, 0.3111, 0.4433
Android (android.graphics.Color)	4280828710 (0xFF284326)
YUV	55.6210, -8.6872, -13.6996
Hunter-Lab	21.4601, -10.6716, 7.9706

Details

The YUV color **55.6210, -8.6872, -13.6996** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **49.3790, 8.6872, 13.6996**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9800, -9.8501, -14.0145**, and **14.6750, -7.2348, -12.8700** is the 20% darker color. If you saturate the color by 10%, you get **53.0290, -10.8603, -16.6884**, and if you desaturate by 10%, it is **58.2130, -6.5140, -10.7108**.

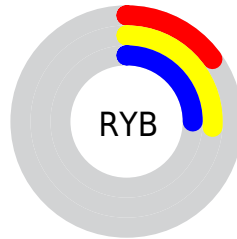
Distribution



Red (16%)

Green (26%)

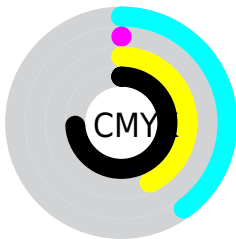
Blue (15%)



Red (15%)

Yellow (26%)

Blue (25%)

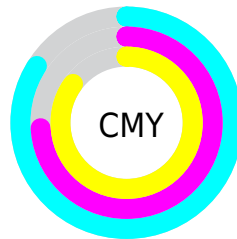


Cyan (40%)

Magenta (0%)

Yellow (43%)

Black (74%)



Cyan (84%)

Magenta (74%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6210, -8.6872, -13.6996 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 55.6210, -8.6872, -13.6996 by changing the saturation by 10% instead.

■ 55.6210, -8.6872,
-13.6996

■ 55.6210, -8.6872,
-13.6996

255.0000, 0.0000,
0.0000

■ 33.7350, -8.2504,
-13.7996

■ 102.9800, -9.8501,
-14.0145

■ 14.6750, -7.2348,
-12.8700

■ 128.2680, -9.9921,
-15.1440

■ 0.0000, 0.0000,
0.0000

■ 154.1540,
-10.4289, -15.0441

■ 181.6270,
-11.1551, -15.4589

■ 209.2140,
-11.4445, -15.9737

■ 237.2140,

-11.4445, -15.9737

251.1260, -4.4991,
-3.6185

55.6210, -8.6872,
-13.6996

55.6210, -8.6872,
-13.6996

53.0290, -10.8603,
-16.6884

58.2130, -6.5140,
-10.7108

50.5510, -12.5966,
-19.7772

60.6910, -4.7777,
-7.6220

47.6600, -14.6224,
-23.3808

63.5820, -2.7519,
-4.0184

45.0680, -16.7955,
-26.3696

66.1740, -0.5788,
-1.0296

42.4760, -18.9687,
-29.3585

68.7660, 1.5944,
1.9592

■ 40.8240, -20.1262,
-31.4176

■ 71.2440, 3.3307,
5.0480

■ 74.1350, 5.3564,
8.6516

■ 76.7270, 7.5296,
11.6404

■ 79.2050, 9.2659,
14.7292

Harmonies

Analogous

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



58.1130, -14.8457, 1.6549



55.6210, -8.6872, -13.6996



50.2470, 1.8502, -33.5426

Triad

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



55.6210, -8.6872, -13.6996



53.6660, 19.8847, -31.2791



61.0960, -5.4703, 27.9798

Complementary

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



55.6210, -8.6872, -13.6996



49.3790, 8.6872, 13.6996

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.



62.1370, 2.3975, 24.4359



55.6210, -8.6872, -13.6996



60.4950, 16.0250, -6.5731

Square

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



55.6210, -8.6872, -13.6996



49.7200, 17.8860, -43.6044



62.7100, 10.0030, 11.6553



60.8260, -12.7322, 23.8316

Rectangle

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



55.6210, -8.6872, -13.6996



48.0270, 8.8607, -42.1197



62.7100, 10.0030, 11.6553



61.6660, -3.2863, 27.4799

Sweetspot

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



55.6210, -8.6872, -13.6996



82.3430, -3.6201, -5.5628



62.5200, -12.0884, 3.9290



40.4080, -2.1731, -2.9888



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.



55.6210, -8.6872, -13.6996



69.3120, -13.4648, -21.3216



56.3910, -3.1508, -16.1289



31.7610, -0.8682, -1.5444



59.0320, -29.1028, -45.6321



135.9730, -67.0347, -106.0933

Inverse Universe

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



49.3790, 8.6872, 13.6996



59.6880, 13.4648, 21.3216



48.6090, 3.1508, 16.1289



31.2390, 0.8682, 1.5444



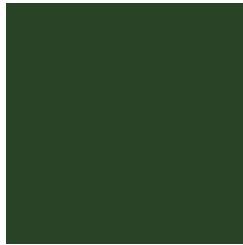
37.9680, 29.1028, 45.6321



88.0270, 67.0347, 106.0933

Previews

White Background



This preview shows how the YUV color 55.6210, -8.6872, -13.6996 looks on a white background.

Color Contrast Check

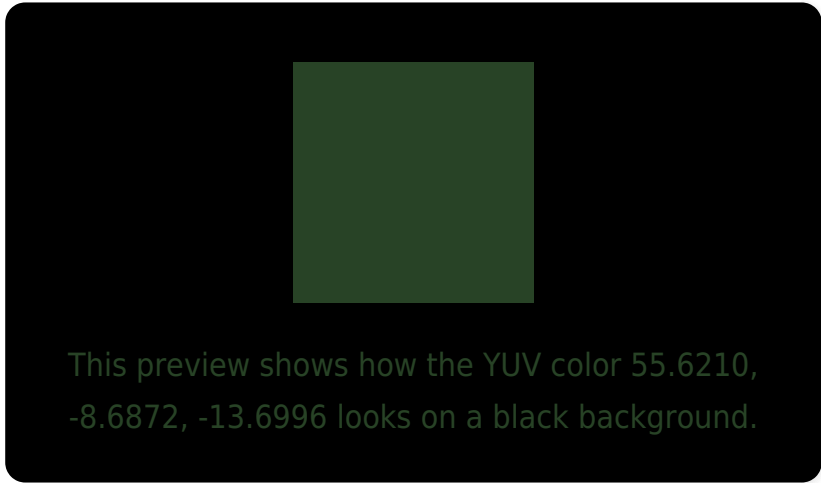
Large Text (above 18pt) WCAG AA ✓ Pass

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

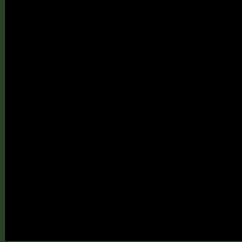
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.6210, -8.6872, -13.6996

Background



This preview shows how black text looks on a background with the YUV color 55.6210, -8.6872, -13.6996.



This preview shows how white text looks on a background with the YUV color 55.6210, -8.6872, -13.6996.

-13.6996.

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

55.6210, -8.6872, -13.6996

Protanopia

59.0580, -11.3676, 6.0881

Deuteranopia

60.4330, -10.0735, 11.0213



Tritanopia

58.6010, 5.1267, -11.0511

Trichromacy



Original Color

55.6210, -8.6872, -13.6996

Protanomaly

58.2420, -10.4723, -1.0892

Deuteranomaly

58.4920, -9.6096, 2.1995

Tritanomaly

57.3360, 0.3274, -11.6957

Monochromacy



Original Color

55.6210, -8.6872, -13.6996

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.7560, -3.3307, -5.0480

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6210, -8.6872, -13.6996 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(40, 67, 38)` looks like.

```
.text, #text, p{  
    color:rgb(40, 67, 38)  
}
```

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(40, 67, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 67, 38) }
```

Border

The CSS property to change the border of an element to YUV 55.6210, -8.6872, -13.6996 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(40, 67, 38) }
```


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

```
.border{ border-color:rgb(40, 67, 38) }
```

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

Here you see how a box with a 4 pixel rgb(40, 67, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 67, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 67, 38);  
box-shadow:4px 4px 4px 4px rgb(40, 67, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.6210, -8.6872, -13.6996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 67, 38) }
```

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

```
.background{ background-color: rgb(40, 67,  
38) }
```

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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