

Converting Colors

YUV(55.2930, -10.9904,
25.1760)

Have a look what the booklet for
YUV(55.2930, -10.9904, 25.1760)
contains.

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Color

**YUV(55.2930, -10.9904,
25.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	542D21
RGB	84, 45, 33
RGB Percent	33%, 18%, 13%
CMY	0.6706, 0.8235, 0.8706
CMYK	0.00, 0.46, 0.61, 0.67
HSL	14°, 44%, 23%
HSV	14°, 61%, 33%
XYZ	4.8691, 3.8714, 1.9295
YIQ	55.2930, 27.0960, 4.5360

Conversions

Conversions Part 2

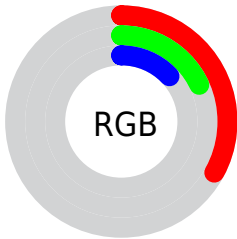
Format	Color
R_{YB}	84, 49, 33
Decimal	5516577
CIE Lab	23.24, 16.55, 15.52
CIE LCh	23, 22.687, 43.149
Yxy	3.8714, 0.4563, 0.3628
Android (android.graphics.Color)	4283706657 (0xFF542D21)
YUV	55.2930, -10.9904, 25.1760
Hunter-Lab	19.6759, 9.7395, 7.9590

Details

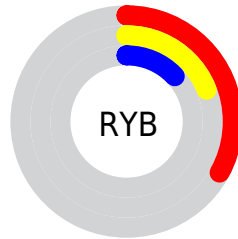
The YUV color **55.2930, -10.9904, 25.1760** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **61.7070, 10.9904, -25.1760**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.8590, -12.7485, 29.0647**, and **11.0630, -5.4541, 22.7467** is the 20% darker color. If you saturate the color by 10%, you get **50.8590, -12.7485, 29.0647**, and if you desaturate by 10%, it is **59.7270, -9.2324, 21.2874**.

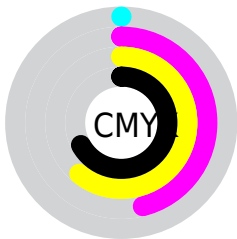
Distribution



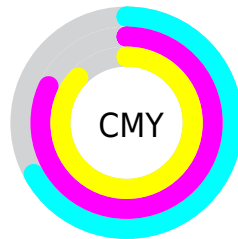
- Red (33%)
- Green (18%)
- Blue (13%)



- Red (33%)
- Yellow (19%)
- Blue (13%)



- Cyan (0%)
- Magenta (46%)
- Yellow (61%)
- Black (67%)



- Cyan (67%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2930, -10.9904, 25.1760 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 55.2930, -10.9904, 25.1760 by changing the saturation by 10% instead.

■ 55.2930, -10.9904,
25.1760

■ 55.2930, -10.9904,
25.1760

■ 255.0000, 0.0000,
0.0000

■ 32.9830, -10.8376,
22.8169

■ 102.8590,
-12.7485, 29.0647

■ 11.0630, -5.4541,
22.7467

■ 128.3430,
-13.4801, 30.3942

■ 0.0000, 0.0000,
0.0000

■ 154.8270,
-14.2117, 31.7237

■ 181.4250,
-14.5065, 32.9533

■ 209.9090,
-15.2381, 34.2828

■ 231.3310,

-11.9952, 20.7577

■ 250.9590, -7.8678,
3.5440

■ 55.2930, -10.9904,
25.1760

■ 55.2930, -10.9904,
25.1760

■ 50.8590, -12.7485,
29.0647

■ 59.7270, -9.2324,
21.2874

■ 45.7240, -14.6539,
33.5681

■ 64.8620, -7.3270,
16.7840

■ 41.2900, -16.4120,
37.4567

■ 69.2960, -5.5689,
12.8954

■ 36.8560, -18.1700,
41.3453

■ 74.4310, -3.6635,
8.3920

■ 78.8650, -1.9054,
4.5034

■ 83.8860, -0.4368,
0.1000

■ 88.4340, 1.7580,
-3.8886

■ 92.8680, 3.5161,
-7.7772

■ 98.0030, 5.4215,
-12.2806

Harmonies

Analogous

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



55.6660, -3.2863, 27.4799



55.2930, -10.9904, 25.1760



54.6850, -15.6207, 16.9393

Triad

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



55.2930, -10.9904, 25.1760



45.9980, -0.4920, -28.9392



54.5760, 16.4780, -11.9062

Complementary

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



55.2930, -10.9904, 25.1760



61.7070, 10.9904, -25.1760

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.



45.2520, 21.0748, -39.6860



55.2930, -10.9904, 25.1760



44.7500, 8.9972, -39.2458

Square

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



55.2930, -10.9904, 25.1760



51.1870, -10.4452, -9.8110



45.8730, 15.8386, -40.2306



57.0300, 11.3242, 7.8667

Rectangle

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



55.2930, -10.9904, 25.1760



53.7010, -16.6146, 9.0322



45.8730, 15.8386, -40.2306



52.2760, 18.1049, -20.4131

Sweetspot

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



55.2930, -10.9904, 25.1760



98.9150, -4.3951, 9.7215



52.6950, 9.5174, 27.4545



49.3490, -2.6371, 5.8329



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



55.2930, -10.9904, 25.1760



64.4860, -17.0016, 39.9158



69.9680, -18.2252, 12.3061



38.7830, -0.8790, 1.9443



46.0700, -22.7125, 51.6816



101.6530, -50.1149, 114.3143

Inverse Universe

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



61.7070, 10.9904, -25.1760



74.9270, 17.2910, -39.4010



47.0320, 18.2252, -12.3061



39.2170, 0.8790, -1.9443



58.9300, 22.7125, -51.6816



130.3470, 50.1149, -114.3143

Previews

White Background



This preview shows how the YUV color 55.2930, -10.9904, 25.1760 looks on a white background.

Color Contrast Check

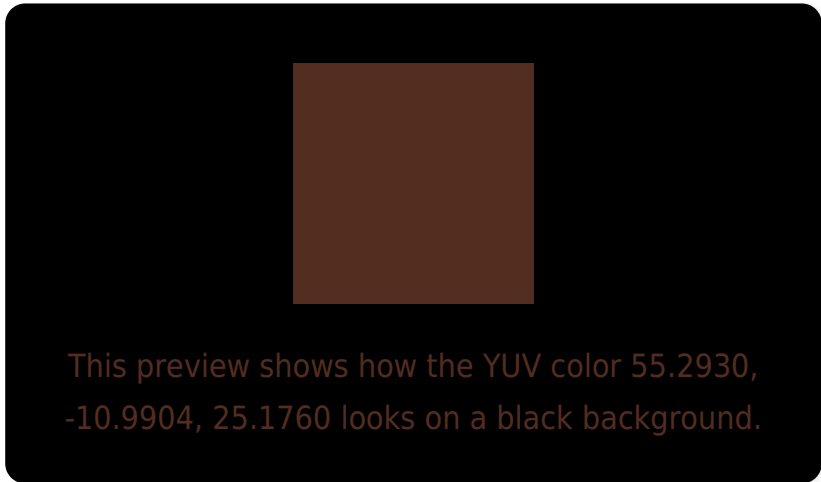
Large Text (above 18pt) WCAG AA ✓ Pass

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

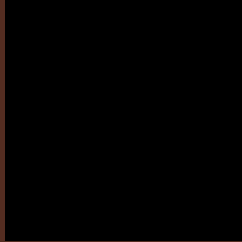
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.2930, -10.9904, 25.1760

Background



This preview shows how black text looks on a background with the YUV color 55.2930, -10.9904, 25.1760.

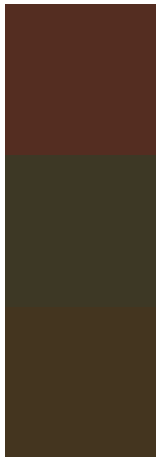


This preview shows how white text looks on a background with the YUV color 55.2930, -10.9904,

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

55.2930, -10.9904, 25.1760

Protanopia

55.3290, -9.0362, 4.9735

Deuteranopia

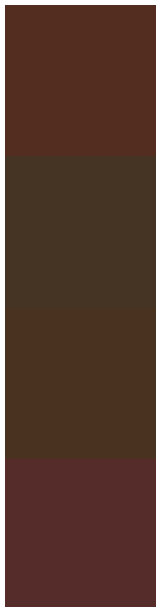
54.9770, -11.8207, 11.4212



Tritanopia

55.9000, -4.8807, 25.5207

Trichromacy



Original Color

55.2930, -10.9904, 25.1760

Protanomaly

55.2590, -9.4947, 12.0509

Deuteranomaly

55.1240, -11.4001, 16.5543

Tritanomaly

55.9170, -7.3541, 25.5058

Monochromacy



Original Color

55.2930, -10.9904, 25.1760

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0290, -3.9583, 9.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2930, -10.9904, 25.1760 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(84, 45, 33)` looks like.

```
.text, #text, p{  
    color:rgb(84, 45, 33)  
}
```

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(84, 45, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 45, 33) }
```

Border

The CSS property to change the border of an element to YUV 55.2930, -10.9904, 25.1760 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(84, 45, 33) }
```


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

```
.border{ border-color:rgb(84, 45, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 45, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 45, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 45, 33);  
box-shadow:4px 4px 4px 4px rgb(84, 45, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.2930, -10.9904, 25.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 45, 33) }
```

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

```
.background{ background-color: rgb(84, 45,  
33) }
```

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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