

Converting Colors

YUV(55.6110, -3.2592, 18.7582)

Have a look what the booklet for
YUV(55.6110, -3.2592, 18.7582)
contains.

YUV(55.6110, -3.2592, 18.7582)	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(55.6110, -3.2592,
18.7582)**

Conversions

Conversions Part 1

Format	Color
Hex	4D2E31
RGB	77, 46, 49
RGB Percent	30%, 18%, 19%
CMY	0.6980, 0.8196, 0.8078
CMYK	0.00, 0.40, 0.36, 0.70
HSL	354°, 25%, 24%
HSV	354°, 40%, 30%
XYZ	4.5919, 3.7535, 3.3882
YIQ	55.6110, 17.5130, 7.5050

Conversions

Conversions Part 2

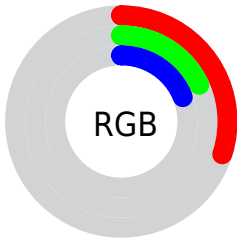
Format	Color
R_{YB}	77, 46, 49
Decimal	5058097
CIE _{Lab}	22.84, 14.69, 4.06
CIE _{LCh}	23, 15.244, 15.434
Yxy	3.7535, 0.3913, 0.3199
Android (android.graphics.Color)	4283248177 (0xFF4D2E31)
YUV	55.6110, -3.2592, 18.7582
Hunter-Lab	19.3740, 8.4028, 3.1929

Details

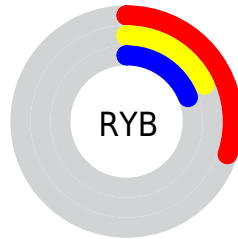
The YUV color **55.6110, -3.2592, 18.7582** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **67.3890, 3.2592, -18.7582**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.8070, -3.8489, 21.2173**, and **10.2800, -4.5750, 20.8024** is the 20% darker color. If you saturate the color by 10%, you get **50.1170, -4.0017, 23.5764**, and if you desaturate by 10%, it is **61.1050, -2.5168, 13.9399**.

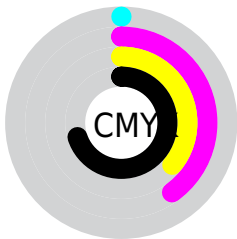
Distribution



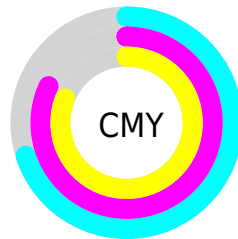
- Red (30%)
- Green (18%)
- Blue (19%)



- Red (30%)
- Yellow (18%)
- Blue (19%)



- Cyan (0%)
- Magenta (40%)
- Yellow (36%)
- Black (70%)



- Cyan (70%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.6110, -3.2592, 18.7582 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 55.6110, -3.2592, 18.7582 by changing the saturation by 10% instead.

■ 55.6110, -3.2592,
18.7582

■ 55.6110, -3.2592,
18.7582

255.0000, 0.0000,
0.0000

■ 33.7140, -2.8170,
16.9138

■ 102.8070, -3.8489,
21.2173

■ 10.2800, -4.5750,
20.8024

■ 128.1060, -3.9963,
21.8320

■ 0.0000, 0.0000,
0.0000

■ 154.5900, -4.7279,
23.1616

■ 181.0030, -4.4385,
23.6764

■ 209.1880, -5.0227,
24.3911

■ 234.1980, -3.5486,

18.2434

253.8260, 0.5788,
1.0296

■ 55.6110, -3.2592,
18.7582

■ 55.6110, -3.2592,
18.7582

■ 50.1170, -4.0017,
23.5764

■ 61.1050, -2.5168,
13.9399

■ 45.2100, -5.0335,
27.8798

■ 66.0120, -1.4849,
9.6365

■ 39.7160, -5.7760,
32.6981

■ 71.5060, -0.7425,
4.8182

■ 34.2220, -6.5184,
37.5163

■ 77.0000, 0.0000,
0.0000

■ 29.3150, -7.5503,
41.8197

■ 82.4940, 0.7425,
-4.8182

■ 23.8210, -8.2928,
46.6380

■ 87.4010, 1.7743,
-9.1217

■ 92.8950, 2.5168,
-13.9399

■ 98.3890, 3.2592,
-18.7582

■ 103.2960, 4.2911,
-23.0616

Harmonies

Analogous

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



56.3700, 2.2826, 14.5845



55.6110, -3.2592, 18.7582



55.0470, -7.9112, 17.4988

Triad

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



55.6110, -3.2592, 18.7582



52.1210, -6.9617, -7.1221



51.0930, 12.2792, -18.4986

Complementary

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



55.6110, -3.2592, 18.7582



67.3890, 3.2592, -18.7582

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.



47.9840, 10.8539, -28.0500



55.6110, -3.2592, 18.7582



49.6620, -0.8194, -17.2436

Square

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



55.6110, -3.2592, 18.7582



53.2640, -10.4832, 2.3995



47.7300, 6.0491, -26.9502



54.7140, 10.4940, -5.8882

Rectangle

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



55.6110, -3.2592, 18.7582



54.7430, -10.2263, 13.3804



47.7300, 6.0491, -26.9502



50.0710, 12.2900, -21.9873

Sweetspot

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



55.6110, -3.2592, 18.7582



91.4030, -1.1847, 6.6626



57.9060, 9.4133, 14.1144



46.2070, -0.5951, 4.2035



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



55.6110, -3.2592, 18.7582



66.5090, -5.1809, 28.4946



62.3130, -8.0423, 12.8805



35.3100, -0.1528, 2.3591



31.6380, -10.6675, 61.7075



71.2780, -24.2941, 139.1992

Inverse Universe

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



55.6110, -3.2592, 18.7582



66.5090, -5.1809, 28.4946



60.6870, 8.0423, -12.8805



35.3100, -0.1528, 2.3591



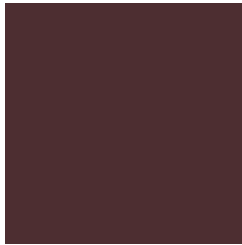
31.6380, -10.6675, 61.7075



71.2780, -24.2941, 139.1992

Previews

White Background



This preview shows how the YUV color 55.6110, -3.2592, 18.7582 looks on a white background.

Color Contrast Check

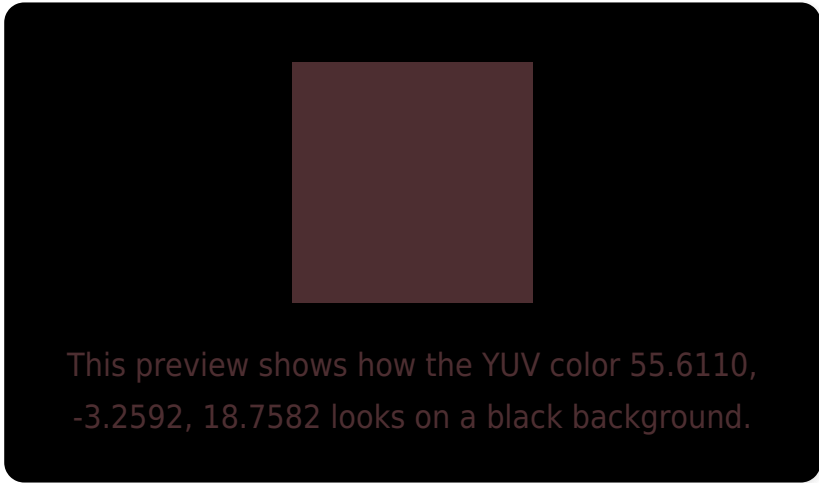
Large Text (above 18pt) WCAG AA ✓ Pass

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

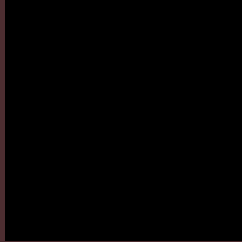
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.6110, -3.2592, 18.7582

Background



This preview shows how black text looks on a background with the YUV color 55.6110, -3.2592, 18.7582.

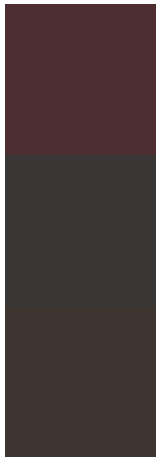


This preview shows how white text looks on a background with the YUV color 55.6110, -3.2592,

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

55.6110, -3.2592, 18.7582

Protanopia

55.1850, -0.5842, 0.7148

Deuteranopia

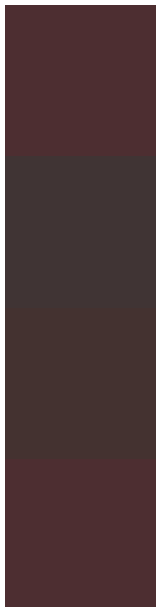
55.4200, -3.6581, 6.6477



Tritanopia

55.6110, -3.2592, 18.7582

Trichromacy



Original Color

55.6110, -3.2592, 18.7582

Protanomaly

55.5880, -1.7689, 7.3773

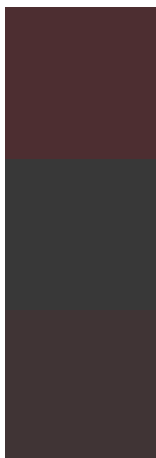
Deuteranomaly

55.1540, -3.5269, 11.2659

Tritanomaly

55.6110, -3.2592, 18.7582

Monochromacy



Original Color

55.6110, -3.2592, 18.7582

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.7020, -1.3321, 7.2773

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.6110, -3.2592, 18.7582 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(77, 46, 49)` looks like.

```
.text, #text, p{  
    color:rgb(77, 46, 49)  
}
```

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(77, 46, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 46, 49) }
```

Border

The CSS property to change the border of an element to YUV 55.6110, -3.2592, 18.7582 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(77, 46, 49) }
```


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

```
.border{ border-color:rgb(77, 46, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 46, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 46, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 46, 49);  
box-shadow:4px 4px 4px 4px rgb(77, 46, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.6110, -3.2592, 18.7582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 46, 49) }
```

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

```
.background{ background-color: rgb(77, 46,  
49) }
```

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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