

Converting Colors

YUV(57.5920, -1.2779, -10.1662)

Have a look what the booklet for
YUV(57.5920, -1.2779, -10.1662)
contains.

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Color

**YUV(57.5920, -1.2779,
-10.1662)**

Conversions

Conversions Part 1

Format	Color
Hex	2E4037
RGB	46, 64, 55
RGB Percent	18%, 25%, 22%
CMY	0.8196, 0.7490, 0.7843
CMYK	0.28, 0.00, 0.14, 0.75
HSL	150°, 16%, 22%
HSV	150°, 28%, 25%
XYZ	3.6497, 4.5235, 4.2952
YIQ	57.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

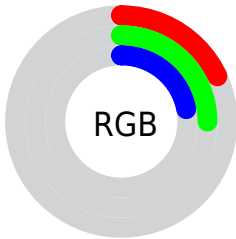
Format	Color
R _Y B	46, 58, 64
Decimal	3031095
CIE Lab	25.33, -9.47, 3.18
CIE LCh	25, 9.988, 161.443
Yxy	4.5235, 0.2927, 0.3628
Android (android.graphics.Color)	4281221175 (0xFF2E4037)
YUV	57.5920, -1.2779, -10.1662
Hunter-Lab	21.2684, -6.5889, 2.9142

Details

The YUV color **57.5920, -1.2779, -10.1662** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52.4080, 1.2779, 10.1662**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.8800, -1.4198, -11.2958**, and **14.1680, -1.5618, -12.4253** is the 20% darker color. If you saturate the color by 10%, you get **55.4560, -1.7038, -13.5549**, and if you desaturate by 10%, it is **59.7280, -0.8519, -6.7775**.

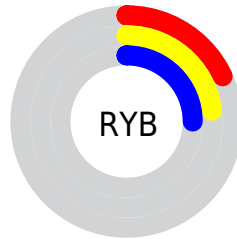
Distribution



Red (18%)

Green (25%)

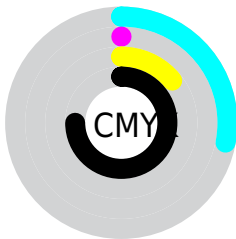
Blue (22%)



Red (18%)

Yellow (23%)

Blue (25%)

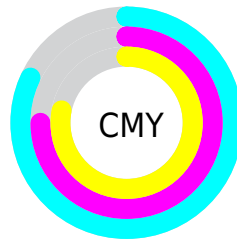


Cyan (28%)

Magenta (0%)

Yellow (14%)

Black (75%)



Cyan (82%)

Magenta (75%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.5920, -1.2779, -10.1662 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 57.5920, -1.2779, -10.1662 by changing the saturation by 10% instead.

■ 57.5920, -1.2779,
-10.1662

■ 57.5920, -1.2779,
-10.1662

■ 255.0000, 0.0000,
0.0000

■ 36.0050, -0.9885,
-9.6514

■ 104.8800, -1.4198,
-11.2958

■ 14.1680, -1.5618,
-12.4253

■ 129.8800, -1.4198,
-11.2958

■ 0.0000, 0.0000,
0.0000

■ 155.8800, -1.4198,
-11.2958

■ 183.0540, -1.9986,
-12.3254

■ 210.4670, -1.7092,
-11.8106

■ 239.0540, -1.9986,

-12.3254

254.4020, 0.2948,
-1.2296

■ 57.5920, -1.2779,
-10.1662

■ 57.5920, -1.2779,
-10.1662

■ 55.4560, -1.7038,
-13.5549

■ 59.7280, -0.8519,
-6.7775

■ 53.0210, -1.9824,
-17.5584

■ 62.1630, -0.5734,
-2.7740

■ 50.7710, -2.8451,
-20.8472

■ 64.4130, 0.2894,
0.5148

■ 48.3360, -3.1236,
-24.8507

■ 66.8480, 0.5679,
4.5183

■ 46.2000, -3.5496,
-28.2394

■ 68.9840, 0.9939,
7.9070

■ 44.0640, -3.9756,
-31.6281

■ 71.1200, 1.4198,
11.2958

■ 41.6290, -4.2541,
-35.6316

■ 73.5550, 1.6984,
15.2993

■ 41.2160, -4.5435,
-36.1464

■ 75.8050, 2.5611,
18.5880

■ 78.2400, 2.8397,
22.5915

Harmonies

Analogous

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



58.7130, -4.7885, -4.1333



57.5920, -1.2779, -10.1662



56.7100, 3.1010, -14.6547

Triad

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



57.5920, -1.2779, -10.1662



60.2150, 7.2890, -4.5736



60.9970, -5.4215, 12.2806

Complementary

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



57.5920, -1.2779, -10.1662



52.4080, 1.2779, 10.1662

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.



61.5070, -2.2220, 12.7104



57.5920, -1.2779, -10.1662



60.9880, 4.9359, 3.5185

Square

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



57.5920, -1.2779, -10.1662



58.2850, 7.7475, -11.6509



61.2230, 1.8621, 9.4514



60.2200, -7.0105, 8.5771

Rectangle

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



57.5920, -1.2779, -10.1662



56.9810, 5.4324, -15.7693



61.2230, 1.8621, 9.4514



60.7520, -3.8217, 12.4955

Sweetspot

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



57.5920, -1.2779, -10.1662



81.5650, -0.2785, -4.0035



59.2570, -6.5357, -3.7334



41.5760, -0.2840, -2.2592



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.



57.5920, -1.2779, -10.1662



74.0320, -1.9878, -15.8141



58.6180, 2.6533, -11.0660



31.8750, -0.4314, -1.6444



62.4110, -7.1046, -54.7344



144.2560, -15.9022, -126.5125

Inverse Universe

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



52.4080, 1.2779, 10.1662



65.9680, 1.9878, 15.8141



51.3820, -2.6533, 11.0660



31.0110, -0.0054, 1.7444



34.4750, 6.6678, 54.8344



79.7440, 15.9022, 126.5125

Previews

White Background



This preview shows how the YUV color 57.5920, -1.2779, -10.1662 looks on a white background.

Color Contrast Check

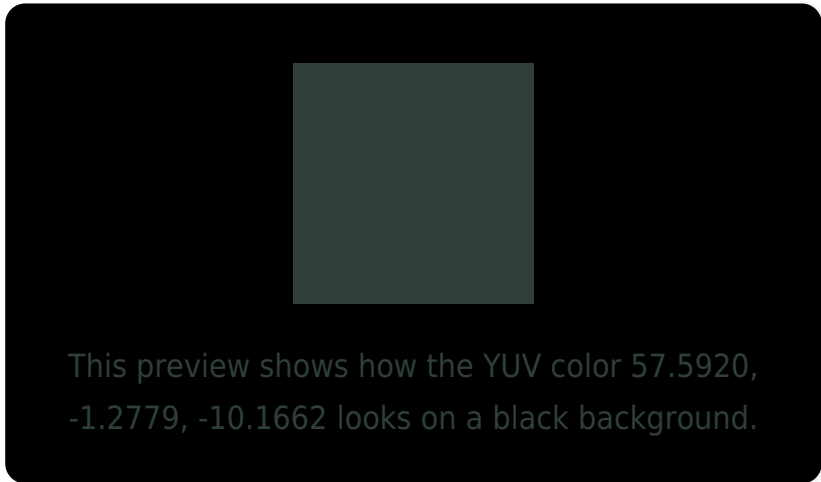
Large Text (above 18pt) WCAG AA ✓ Pass

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

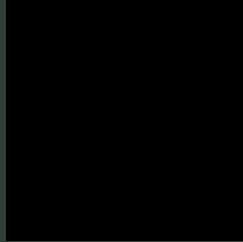
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.5920, -1.2779, -10.1662

Background



This preview shows how black text looks on a background with the YUV color 57.5920, -1.2779, -10.1662.



This preview shows how white text looks on a background with the YUV color 57.5920, -1.2779,

-10.1662.

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

57.5920, -1.2779, -10.1662

Protanopia

60.0990, -3.4998, 2.5442

Deuteranopia

60.4630, -2.2003, 5.7329



Tritanopia

58.3840, 4.2477, -9.1068

Trichromacy



Original Color

57.5920, -1.2779, -10.1662

Protanomaly

59.0060, -2.4680, -1.7593

Deuteranomaly

59.2450, -1.5998, -0.2149

Tritanomaly

58.2160, 2.3585, -9.8364

Monochromacy



Original Color

57.5920, -1.2779, -10.1662

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.8640, -0.4260, -3.3887

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.5920, -1.2779, -10.1662 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(46, 64, 55)` looks like.

```
.text, #text, p{  
    color:rgb(46, 64, 55)  
}
```

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(46, 64, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 64, 55) }
```

Border

The CSS property to change the border of an element to YUV 57.5920, -1.2779, -10.1662 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(46, 64, 55) }
```


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

```
.border{ border-color:rgb(46, 64, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 64, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 64, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 64, 55);  
box-shadow:4px 4px 4px 4px rgb(46, 64, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.5920, -1.2779, -10.1662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 64, 55) }
```

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

```
.background{ background-color: rgb(46, 64,  
55) }
```

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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