

Converting Colors

YUV(58.7110, 1.6215, -6.7625)

Have a look what the booklet for
YUV(58.7110, 1.6215, -6.7625)
contains.

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Color

**YUV(58.7110, 1.6215,
-6.7625)**

Conversions

Conversions Part 1

Format	Color
Hex	333E3E
RGB	51, 62, 62
RGB Percent	20%, 24%, 24%
CMY	0.8000, 0.7569, 0.7569
CMYK	0.18, 0.00, 0.00, 0.76
HSL	180°, 10%, 22%
HSV	180°, 18%, 24%
XYZ	3.9574, 4.4969, 5.2168
YIQ	58.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

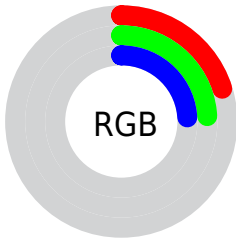
Format	Color
R_{YB}	51, 57, 62
Decimal	3358270
CIE Lab	25.25, -4.51, -1.52
CIE LCh	25, 4.755, 198.633
Yxy	4.4969, 0.2895, 0.3289
Android (android.graphics.Color)	4281548350 (0xFF333E3E)
YUV	58.7110, 1.6215, -6.7625
Hunter-Lab	21.2058, -3.7990, 0.2581

Details

The YUV color **58.7110, 1.6215, -6.7625** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **54.2890, -1.6215, 6.7625**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.7110, 1.6215, -6.7625**, and **15.8140, 2.0637, -8.6069** is the 20% darker color. If you saturate the color by 10%, you get **56.9170, 2.5059, -10.4512**, and if you desaturate by 10%, it is **60.5050, 0.7370, -3.0739**.

Distribution



Red (20%)

Green (24%)

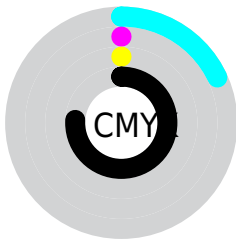
Blue (24%)



Red (20%)

Yellow (22%)

Blue (24%)

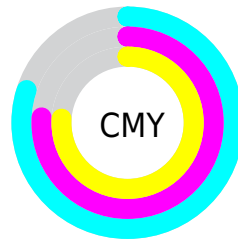


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (76%)



Cyan (80%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.7110, 1.6215, -6.7625 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 58.7110, 1.6215, -6.7625 by changing the saturation by 10% instead.

■ 58.7110, 1.6215,
-6.7625

■ 58.7110, 1.6215,
-6.7625

255.0000, 0.0000,
0.0000

■ 37.0100, 1.4741,
-6.1478

■ 105.7110, 1.6215,
-6.7625

■ 15.8140, 2.0637,
-8.6069

■ 131.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 157.1130, 1.9163,
-7.9921

■ 184.1130, 1.9163,
-7.9921

■ 211.8140, 2.0637,
-8.6069

■ 239.8140, 2.0637,

-8.6069

■ 58.7110, 1.6215,
-6.7625

■ 58.7110, 1.6215,
-6.7625

■ 56.9170, 2.5059,
-10.4512

■ 60.5050, 0.7370,
-3.0739

■ 55.1230, 3.3904,
-14.1399

■ 62.2990, -0.1474,
0.6148

■ 53.0300, 4.4222,
-18.4433

■ 64.3920, -1.1793,
4.9182

■ 51.2360, 5.3067,
-22.1320

■ 66.1860, -2.0637,
8.6069

■ 49.4420, 6.1911,
-25.8206

■ 67.9800, -2.9481,
12.2955

■ 47.6480, 7.0755,
-29.5093

■ 69.7740, -3.8326,
15.9842

■ 45.8540, 7.9600,
-33.1980

■ 71.5680, -4.7170,
19.6729

■ 43.7610, 8.9918,
-37.5014

■ 73.6610, -5.7489,
23.9763

■ 43.4620, 9.1392,
-38.1162

■ 75.4550, -6.6333,
27.6650

Harmonies

Analogous

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



58.8530, -0.4205, -5.1331



58.7110, 1.6215, -6.7625



59.3520, 2.7845, -6.4477

Triad

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



58.7110, 1.6215, -6.7625



60.2930, 2.3206, 2.3740



59.8110, -3.3578, 3.6738

Complementary

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



58.7110, 1.6215, -6.7625



54.2890, -1.6215, 6.7625

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.



60.3490, -2.6371, 5.8329



58.7110, 1.6215, -6.7625



60.7340, 0.1311, 4.6183

Square

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



58.7110, 1.6215, -6.7625



59.9120, 3.4944, -0.7998



60.9900, -1.4741, 6.1478



59.2020, -3.0576, 0.6998

Rectangle

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



58.7110, 1.6215, -6.7625



59.1780, 3.3632, -5.4181



60.9900, -1.4741, 6.1478



60.1100, -3.5052, 4.2885

Sweetspot

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



58.7110, 1.6215, -6.7625



80.8040, 0.5896, -2.4591



57.4570, -3.1833, -5.6628



40.1030, 0.4422, -1.8443



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



58.7110, 1.6215, -6.7625



76.6180, 2.6533, -11.0660



55.7760, 3.0684, -4.1886



30.1030, 0.4422, -1.8443



65.8940, 13.8563, -57.7890



155.6220, 32.7244, -136.4805

Inverse Universe

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



55.5430, 3.1833, 5.6628



71.4340, 5.2090, 9.2664



57.8110, -3.3578, 3.6738



29.2390, 0.8682, 1.5444



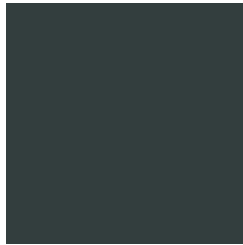
38.8220, 27.2028, 48.3911



91.6860, 64.2448, 114.2854

Previews

White Background



This preview shows how the YUV color 58.7110, 1.6215, -6.7625 looks on a white background.

Color Contrast Check

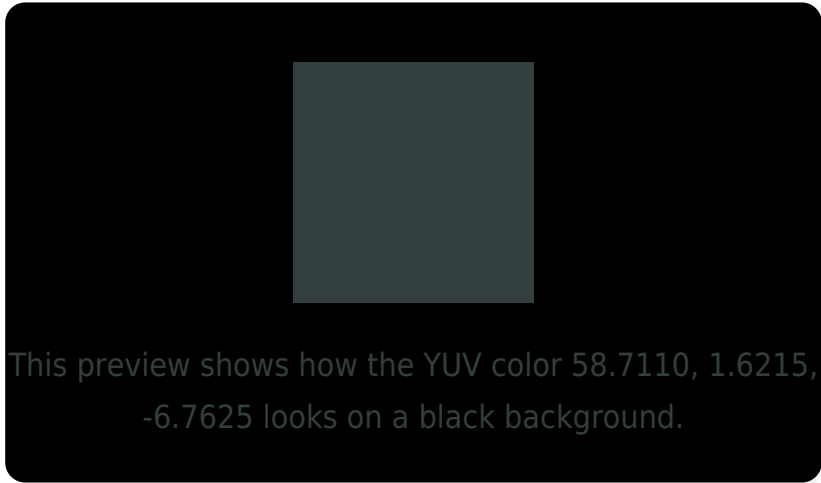
Large Text (above 18pt) WCAG AA ✓ Pass

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

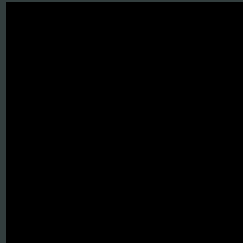
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.7110, 1.6215, -6.7625

Background



This preview shows how black text looks on a background with the YUV color 58.7110, 1.6215, -6.7625.



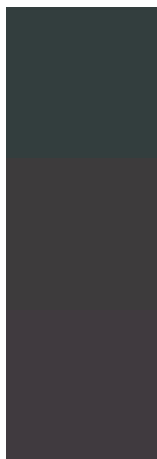
This preview shows how white text looks on a background with the YUV color 58.7110, 1.6215, -6.7625.

-6.7625.

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

58.7110, 1.6215, -6.7625

Protanopia

59.7120, 0.1420, 1.1296

Deuteranopia

60.3640, 1.2995, 3.1888



Tritanopia

58.8790, 3.5107, -6.0329

Trichromacy



Original Color

58.7110, 1.6215, -6.7625

Protanomaly

59.2170, 0.8790, -1.9443

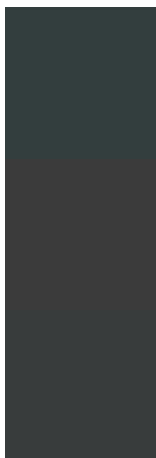
Deuteranomaly

59.4560, 1.7472, -0.3999

Tritanomaly

58.7650, 3.0739, -5.9329

Monochromacy



Original Color

58.7110, 1.6215, -6.7625

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.7110, 1.6215, -6.7625 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(51, 62, 62)` looks like.

```
.text, #text, p{  
    color:rgb(51, 62, 62)  
}
```

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(51, 62, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 62, 62) }
```

Border

The CSS property to change the border of an element to YUV 58.7110, 1.6215, -6.7625 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(51, 62, 62) }
```


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

```
.border{ border-color:rgb(51, 62, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 62, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 62, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 62, 62);  
box-shadow:4px 4px 4px 4px rgb(51, 62, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.7110, 1.6215, -6.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 62, 62) }
```

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

```
.background{ background-color: rgb(51, 62,  
62) }
```

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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