

Converting Colors

YUV(66.7110, 1.6215, -6.7625)

Have a look what the booklet for
YUV(66.7110, 1.6215, -6.7625)
contains.

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Color

**YUV(66.7110, 1.6215,
-6.7625)**

Conversions

Conversions Part 1

Format	Color
Hex	3B4646
RGB	59, 70, 70
RGB Percent	23%, 27%, 27%
CMY	0.7686, 0.7255, 0.7255
CMYK	0.16, 0.00, 0.00, 0.73
HSL	180°, 9%, 25%
HSV	180°, 16%, 27%
XYZ	5.0993, 5.7523, 6.6359
YIQ	66.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

Format	Color
R_{YB}	59, 65, 70
Decimal	3884614
CIE Lab	28.78, -4.43, -1.50
CIE LCh	29, 4.680, 198.713
Yxy	5.7523, 0.2916, 0.3289
Android (android.graphics.Color)	4282074694 (0xFF3B4646)
YUV	66.7110, 1.6215, -6.7625
Hunter-Lab	23.9840, -4.0208, 0.3844

Details

The YUV color **66.7110, 1.6215, -6.7625** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **62.2890, -1.6215, 6.7625**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.4120, 1.7689, -7.3773**, and **24.0100, 1.4741, -6.1478** is the 20% darker color. If you saturate the color by 10%, you get **64.6180, 2.6533, -11.0660**, and if you desaturate by 10%, it is **68.8040, 0.5896, -2.4591**.

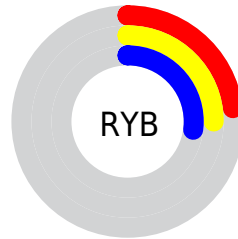
Distribution



 Red (23%)

 Green (27%)

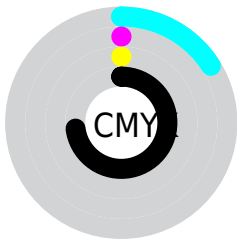
 Blue (27%)



 Red (23%)

 Yellow (25%)

 Blue (27%)

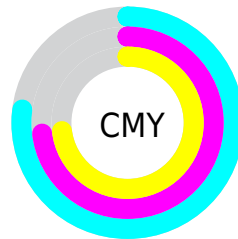


 Cyan (16%)

 Magenta (0%)

 Yellow (0%)

 Black (73%)



 Cyan (77%)

 Magenta (73%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.7110, 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 66.7110, 1.6215, -6.7625 by changing the saturation by 10% instead.

■ 66.7110, 1.6215,
-6.7625

■ 66.7110, 1.6215,
-6.7625

255.0000, 0.0000,
0.0000

■ 44.7110, 1.6215,
-6.7625

■ 114.4120, 1.7689,
-7.3773

■ 24.0100, 1.4741,
-6.1478

■ 140.4120, 1.7689,
-7.3773

■ 0.0000, 0.0000,
0.0000

■ 166.4120, 1.7689,
-7.3773

■ 194.1130, 1.9163,
-7.9921

■ 221.8140, 2.0637,
-8.6069

■ 250.1130, 1.9163,

-7.9921

■ 66.7110, 1.6215,
-6.7625

■ 66.7110, 1.6215,
-6.7625

■ 64.6180, 2.6533,
-11.0660

■ 68.8040, 0.5896,
-2.4591

■ 62.5250, 3.6852,
-15.3694

■ 70.8970, -0.4422,
1.8443

■ 60.4320, 4.7170,
-19.6729

■ 72.9900, -1.4741,
6.1478

■ 58.3390, 5.7489,
-23.9763

■ 75.0830, -2.5059,
10.4512

■ 56.2460, 6.7807,
-28.2797

■ 77.1760, -3.5378,
14.7546

■ 54.1530, 7.8126,
-32.5832

■ 79.2690, -4.5696,
19.0581

■ 52.0600, 8.8444,
-36.8866

■ 81.3620, -5.6015,
23.3615

■ 49.9670, 9.8763,
-41.1901

■ 83.4550, -6.6333,
27.6650

■ 49.0700, 10.3185,
-43.0344

■ 85.5480, -7.6652,
31.9684

Harmonies

Analogous

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



66.8530, -0.4205, -5.1331



66.7110, 1.6215, -6.7625



67.3520, 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.



66.7110, 1.6215, -6.7625



68.2930, 2.3206, 2.3740



67.8110, -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.



66.7110, 1.6215, -6.7625



62.2890, -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.



68.3490, -2.6371, 5.8329



66.7110, 1.6215, -6.7625



68.7340, 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.



66.7110, 1.6215, -6.7625



67.9120, 3.4944, -0.7998



68.4030, -1.1847, 6.6626



67.2020, -3.0576, 0.6998

Rectangle

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



66.7110, 1.6215, -6.7625



67.1780, 3.3632, -5.4181



68.4030, -1.1847, 6.6626



68.1100, -3.5052, 4.2885

Sweetspot

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



66.7110, 1.6215, -6.7625



90.5050, 0.7370, -3.0739



65.4570, -3.1833, -5.6628



45.1030, 0.4422, -1.8443



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



66.7110, 1.6215, -6.7625



86.6180, 2.6533, -11.0660



63.7760, 3.0684, -4.1886



34.8040, 0.5896, -2.4591



69.3990, 14.5933, -60.8629



159.1270, 33.4614, -139.5544

Inverse Universe

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



63.5430, 3.1833, 5.6628



81.4340, 5.2090, 9.2664



65.8110, -3.3578, 3.6738



33.6520, 1.1576, 2.0592



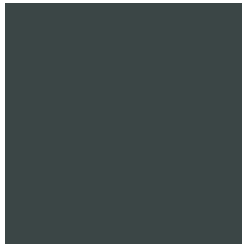
40.8870, 28.6497, 50.9651



93.7510, 65.6918, 116.8594

Previews

White Background



This preview shows how the YUV color 66.7110, 1.6215, -6.7625 looks on a white background.

Color Contrast Check

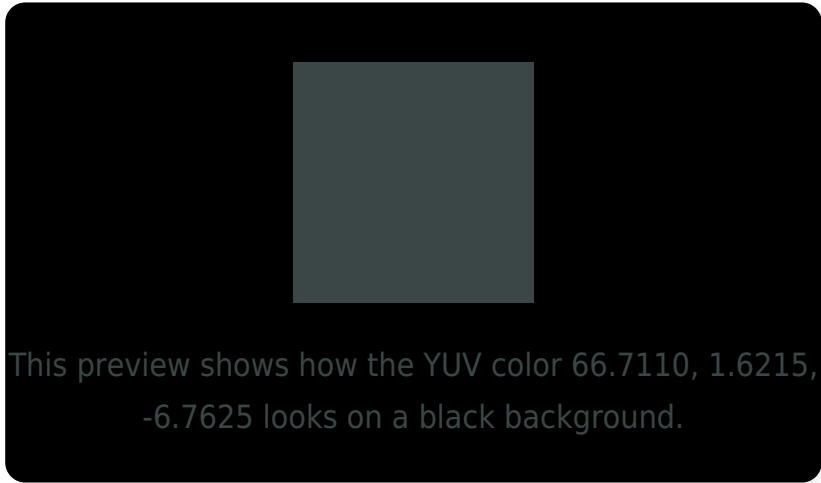
Large Text (above 18pt) WCAG AA ✓ Pass

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

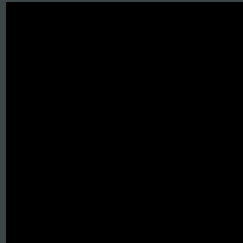
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.7110, 1.6215, -6.7625

Background



This preview shows how black text looks on a background with the YUV color 66.7110, 1.6215, -6.7625.



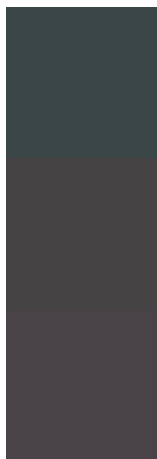
This preview shows how white text looks on a background with the YUV color 66.7110, 1.6215, -6.7625.

-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

66.7110, 1.6215, -6.7625

Protanopia

67.7120, 0.1420, 1.1296

Deuteranopia

68.6630, 1.1521, 3.8035



Tritanopia

66.9930, 3.9475, -6.1329

Trichromacy



Original Color

66.7110, 1.6215, -6.7625

Protanomaly

67.2170, 0.8790, -1.9443

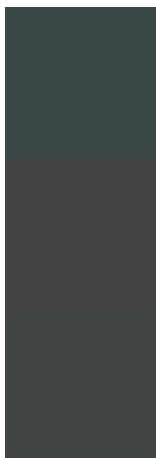
Deuteranomaly

67.7550, 1.5998, 0.2149

Tritanomaly

66.7650, 3.0739, -5.9329

Monochromacy



Original Color

66.7110, 1.6215, -6.7625

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.7110, 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(59, 70, 70)` looks like.

```
.text, #text, p{  
    color:rgb(59, 70, 70)  
}
```

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(59, 70, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 70, 70) }
```

Border

The CSS property to change the border of an element to YUV 66.7110, 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(59, 70, 70) }
```


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

```
.border{ border-color:rgb(59, 70, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 70, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 70, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 70, 70);  
box-shadow:4px 4px 4px 4px rgb(59, 70, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.7110, 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(59, 70, 70) }
```

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

```
.background{ background-color: rgb(59, 70,  
70) }
```

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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