

Converting Colors

YUV(66.0650, -11.8640,
25.3760)

Have a look what the booklet for
YUV(66.0650, -11.8640, 25.3760)
contains.

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Color

**YUV(66.0650, -11.8640,
25.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	5F382A
RGB	95, 56, 42
RGB Percent	37%, 22%, 16%
CMY	0.6275, 0.7804, 0.8353
CMYK	0.00, 0.41, 0.56, 0.63
HSL	16°, 39%, 27%
HSV	16°, 56%, 37%
XYZ	6.5514, 5.4284, 2.8930
YIQ	66.0650, 27.7380, 3.9140

Conversions

Conversions Part 2

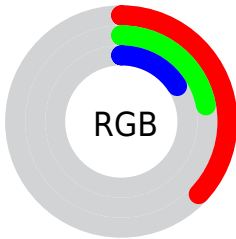
Format	Color
RYB	95, 61, 42
Decimal	6240298
CIELab	27.92, 15.69, 16.05
CIELCh	28, 22.442, 45.650
Yxy	5.4284, 0.4405, 0.3650
Android (android.graphics.Color)	4284430378 (0xFF5F382A)
YUV	66.0650, -11.8640, 25.3760
Hunter-Lab	23.2989, 9.4191, 8.9474




Details

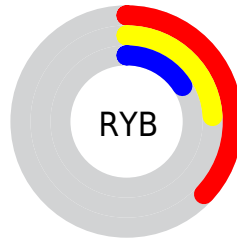
The YUV color **66.0650, -11.8640, 25.3760** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **70.9350, 11.8640, -25.3760**, and the grayscale version is **66.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **114.6310, -13.6221, 29.2646**, and **21.3850, -10.5428, 21.5874** is the 20% darker color. If you saturate the color by 10%, you get **60.9300, -13.7695, 29.8794**, and if you desaturate by 10%, it is **71.2000, -9.9586, 20.8726**.

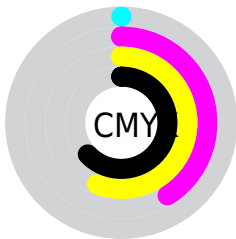
Distribution







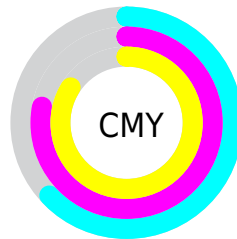
-  Red (37%)
-  Green (22%)
-  Blue (16%)






-  Red (37%)
-  Yellow (24%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (41%)
-  Yellow (56%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (78%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.0650, -11.8640, 25.3760 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 66.0650, -11.8640, 25.3760 by changing the saturation by 10% instead.

■ 66.0650, -11.8640,
25.3760

■ 66.0650, -11.8640,
25.3760

■ 255.0000, 0.0000,
0.0000

■ 43.2820, -10.9850,
23.4317

■ 114.6310,
-13.6221, 29.2646

■ 21.3850, -10.5428,
21.5874

■ 140.8160,
-14.2063, 29.9794

■ 4.7840, -2.3585,
9.8364

■ 167.3000,
-14.9379, 31.3089

■ 0.0000, 0.0000,
0.0000

■ 194.8980,
-15.2327, 32.5385

■ 220.7020,
-14.6431, 30.0793

■ 240.9170,

-10.8051, 12.3508

254.0880, -3.4944,
0.7998

66.0650, -11.8640,
25.3760

66.0650, -11.8640,
25.3760

60.9300, -13.7695,
29.8794

71.2000, -9.9586,
20.8726

55.6810, -16.1117,
34.4828

76.4490, -7.6164,
16.2692

50.4320, -18.4540,
39.0861

81.5840, -5.7109,
11.7658

45.2970, -20.3594,
43.5895

86.8330, -3.3687,
7.1625

43.0800, -21.2384,
45.5338

92.0820, -1.0264,
2.5591

■ 97.2170, 0.8790,
-1.9443

■ 102.4660, 3.2213,
-6.5477

■ 107.6010, 5.1267,
-11.0511

■ 112.8500, 7.4690,
-15.6544

Harmonies

Analogous

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



66.6230, -4.7441, 28.3946



66.0650, -11.8640, 25.3760



65.1580, -16.3469, 16.5244

Triad

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



66.0650, -11.8640, 25.3760



57.1120, -0.0552, -29.0392



65.8860, 16.3252, -9.5470

Complementary

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



66.0650, -11.8640, 25.3760



70.9350, 11.8640, -25.3760

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.



58.0570, 20.1849, -34.2530



66.0650, -11.8640, 25.3760



52.5750, 11.0555, -46.1083

Square

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



66.0650, -11.8640, 25.3760



61.2900, -10.0030, -11.6553



53.6980, 17.8969, -47.0931



67.9270, 10.8820, 9.7110

Rectangle

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



66.0650, -11.8640, 25.3760



64.4020, -16.4672, 8.4174



53.6980, 17.8969, -47.0931



63.8850, 17.8047, -17.4391

Sweetspot

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



66.0650, -11.8640, 25.3760



110.9150, -4.3951, 9.7215



62.4070, 9.6593, 28.5841



54.3490, -2.6371, 5.8329



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



66.0650, -11.8640, 25.3760



77.4320, -18.4540, 39.0861



81.3270, -19.3882, 11.9912



45.7830, -0.8790, 1.9443



51.0980, -25.1913, 53.4111



108.7410, -53.6093, 115.1141

Inverse Universe

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



70.9350, 11.8640, -25.3760



85.1550, 18.1646, -39.6009



55.6730, 19.3882, -11.9912



46.2170, 0.8790, -1.9443



61.4890, 24.9019, -53.9259



130.6720, 53.8987, -114.5993

Previews

White Background



This preview shows how the YUV color 66.0650, -11.8640, 25.3760 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



This preview shows how the YUV color 66.0650, -11.8640, 25.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

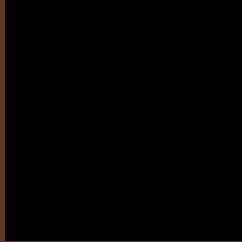
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.0650, -11.8640, 25.3760

Background



This preview shows how black text looks on a background with the YUV color 66.0650, -11.8640, 25.3760.



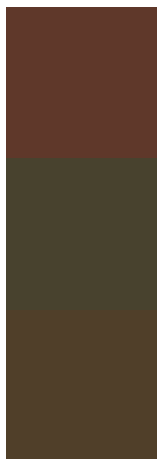
This preview shows how white text looks on a background with the YUV color 66.0650, -11.8640,

25.3760.

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

66.0650, -11.8640, 25.3760

Protanopia

65.5140, -9.6204, 5.6882

Deuteranopia

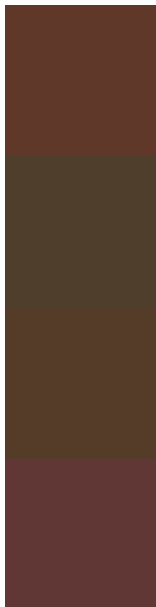
65.5750, -12.1155, 12.6507



Tritanopia

67.0140, -4.4439, 25.4207

Trichromacy



Original Color

66.0650, -11.8640, 25.3760

Protanomaly

65.4440, -10.0789, 12.7656

Deuteranomaly

65.3090, -11.9843, 17.2690

Tritanomaly

66.9170, -7.3541, 25.5058

Monochromacy



Original Color

66.0650, -11.8640, 25.3760

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9150, -4.3951, 9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.0650, -11.8640, 25.3760 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(95, 56, 42)` looks like.

```
.text, #text, p{  
    color:rgb(95, 56, 42)  
}
```

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(95, 56, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 56, 42) }
```

Border

The CSS property to change the border of an element to YUV 66.0650, -11.8640, 25.3760 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(95, 56, 42) }
```


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

```
.border{ border-color:rgb(95, 56, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 56, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 56, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 56, 42);  
box-shadow:4px 4px 4px 4px rgb(95, 56, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.0650, -11.8640, 25.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 56, 42) }
```

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

```
.background{ background-color: rgb(95, 56,  
42) }
```

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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