

Converting Colors

YUV(66.7640, -5.3067, 22.1320)

Have a look what the booklet for
YUV(66.7640, -5.3067, 22.1320)
contains.

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Color

**YUV(66.7640, -5.3067,
22.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	5C3838
RGB	92, 56, 56
RGB Percent	36%, 22%, 22%
CMY	0.6392, 0.7804, 0.7804
CMYK	0.00, 0.39, 0.39, 0.64
HSL	0°, 24%, 29%
HSV	0°, 39%, 36%
XYZ	6.5416, 5.3892, 4.4368
YIQ	66.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

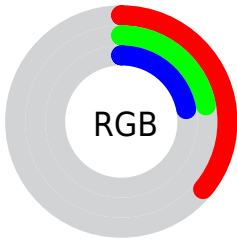
Format	Color
RYB	92, 56, 56
Decimal	6043704
CIELab	27.82, 16.04, 6.72
CIELCh	28, 17.394, 22.733
Yxy	5.3892, 0.3997, 0.3293
Android (android.graphics.Color)	4284233784 (0xFF5C3838)
YUV	66.7640, -5.3067, 22.1320
Hunter-Lab	23.2146, 9.6737, 4.9186

Details

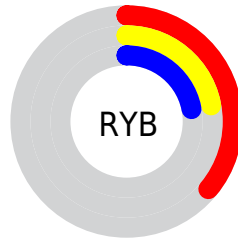
The YUV color **66.7640, -5.3067, 22.1320** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **81.2360, 5.3067, -22.1320**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.2590, -6.0437, 25.2059**, and **22.2690, -4.5696, 19.0581** is the 20% darker color. If you saturate the color by 10%, you get **60.4550, -6.6333, 27.6650**, and if you desaturate by 10%, it is **73.0730, -3.9800, 16.5990**.

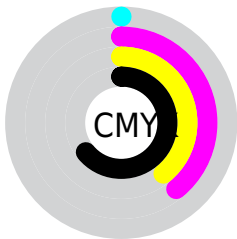
Distribution



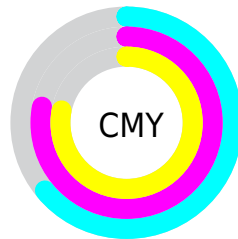
- Red (36%)
- Green (22%)
- Blue (22%)



- Red (36%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (39%)
- Yellow (39%)
- Black (64%)



- Cyan (64%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.7640, -5.3067, 22.1320 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 66.7640, -5.3067, 22.1320 by changing the saturation by 10% instead.

■ 66.7640, -5.3067,
22.1320

■ 66.7640, -5.3067,
22.1320

■ 255.0000, 0.0000,
0.0000

■ 44.2800, -4.5750,
20.8024

■ 115.2590, -6.0437,
25.2059

■ 22.2690, -4.5696,
19.0581

■ 141.4440, -6.6279,
25.9206

■ 4.7840, -2.3585,
9.8364

■ 167.7430, -6.7753,
26.5354

■ 0.0000, 0.0000,
0.0000

■ 195.3410, -7.0701,
27.7649

■ 222.6400, -7.2175,
28.3797

■ 242.8550, -3.3795,

■ 66.7640, -5.3067,
22.1320

■ 66.7640, -5.3067,
22.1320

■ 60.4550, -6.6333,
27.6650

■ 73.0730, -3.9800,
16.5990

■ 54.1460, -7.9600,
33.1980

■ 79.3820, -2.6533,
11.0660

■ 47.1360, -9.4340,
39.3457

■ 86.3920, -1.1793,
4.9182

■ 40.8270, -10.7607,
44.8787

■ 92.7010, 0.1474,
-0.6148

■ 34.5180, -12.0874,
50.4117

■ 99.0100, 1.4741,
-6.1478

■ 28.2090, -13.4140,
55.9447

■ 105.3190, 2.8007,
-11.6808

■ 27.5080, -13.5614,
56.5595

■ 111.6280, 4.1274,
-17.2138

■ 118.6380, 5.6015,
-23.3615

■ 124.9470, 6.9281,
-28.8945

Harmonies

Analogous

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



67.3490, 0.8139, 18.9879



66.7640, -5.3067, 22.1320



66.0750, -10.3900, 19.2282

Triad

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



66.7640, -5.3067, 22.1320



61.9140, -6.3666, -11.3256



62.9620, 14.3157, -18.3837

Complementary

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



66.7640, -5.3067, 22.1320



81.2360, 5.3067, -22.1320

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.



58.3580, 13.6275, -31.0090



66.7640, -5.3067, 22.1320



59.7860, 1.0915, -23.4913

Square

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



66.7640, -5.3067, 22.1320



63.7260, -11.2039, 0.2403



57.0820, 8.8336, -33.3979



66.0780, 11.7935, -2.6994

Rectangle

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



66.7640, -5.3067, 22.1320



65.1730, -12.4103, 13.8803



57.0820, 8.8336, -33.3979



61.3420, 14.6214, -23.1019

Sweetspot

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



66.7640, -5.3067, 22.1320



109.4850, -2.2111, 9.2217



70.8680, 10.4181, 18.5328



55.3920, -1.1793, 4.9182



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.



66.7640, -5.3067, 22.1320



80.7440, -8.2548, 34.4275



77.3300, -10.5157, 12.8656



42.4950, -0.7370, 3.0739



32.8900, -16.2148, 67.6255



70.8630, -34.9355, 145.7021

Inverse Universe

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



81.2360, 5.3067, -22.1320



103.2560, 8.2548, -34.4275



70.6700, 10.5157, -12.8656



44.5050, 0.7370, -3.0739



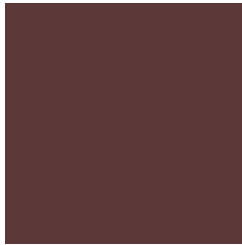
77.1100, 16.2148, -67.6255



166.1370, 34.9355, -145.7021

Previews

White Background



This preview shows how the YUV color 66.7640, -5.3067, 22.1320 looks on a white background.

Color Contrast Check

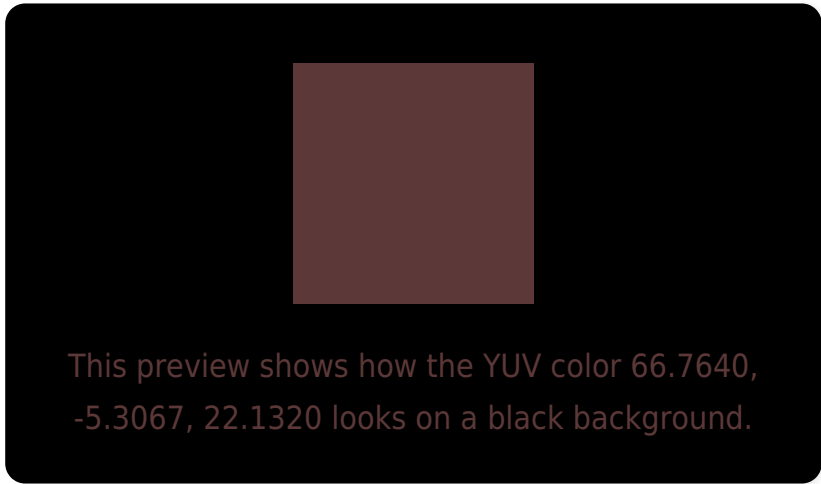
Large Text (above 18pt) WCAG AA ✓ Pass

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

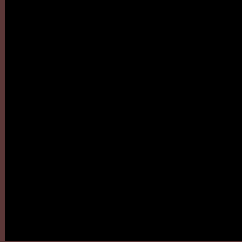
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.7640, -5.3067, 22.1320

Background



This preview shows how black text looks on a background with the YUV color 66.7640, -5.3067, 22.1320.

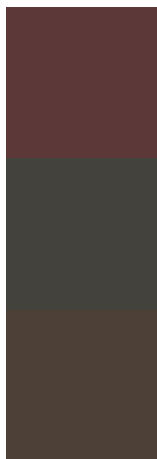


This preview shows how white text looks on a background with the YUV color 66.7640, -5.3067,

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

66.7640, -5.3067, 22.1320

Protanopia

66.0280, -2.4788, 1.7294

Deuteranopia

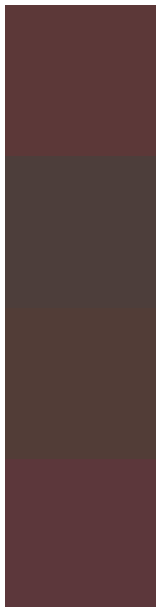
66.5620, -5.7001, 8.2771



Tritanopia

66.6330, -3.2701, 22.2469

Trichromacy



Original Color

66.7640, -5.3067, 22.1320

Protanomaly

66.1430, -3.5215, 9.5216

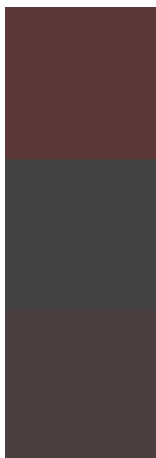
Deuteranomaly

66.5950, -5.7163, 13.5102

Tritanomaly

66.5190, -3.7069, 22.3468

Monochromacy



Original Color

66.7640, -5.3067, 22.1320

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.8870, -1.9163, 7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.7640, -5.3067, 22.1320 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(92, 56, 56)` looks like.

```
.text, #text, p{  
    color:rgb(92, 56, 56)  
}
```

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(92, 56, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 56, 56) }
```

Border

The CSS property to change the border of an element to YUV 66.7640, -5.3067, 22.1320 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(92, 56, 56) }
```


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

```
.border{ border-color:rgb(92, 56, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 56, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 56, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 56, 56);  
box-shadow:4px 4px 4px 4px rgb(92, 56, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.7640, -5.3067, 22.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 56, 56) }
```

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

```
.background{ background-color: rgb(92, 56,  
56) }
```

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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