

Converting Colors

YUV(62.1020, 8.8237, 16.5735)

Have a look what the booklet for
YUV(62.1020, 8.8237, 16.5735)
contains.

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Color

**YUV(62.1020, 8.8237,
16.5735)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 513150 |
| RGB | 81, 49, 80 |
| RGB Percent | 32%, 19%, 31% |
| CMY | 0.6824, 0.8078, 0.6863 |
| CMYK | 0.00, 0.40, 0.01, 0.68 |
| HSL | 302°, 25%, 25% |
| HSV | 302°, 40%, 32% |
| XYZ | 5.9396, 4.5251, 8.1498 |
| YIQ | 62.1020, 9.1210, 16.4250 |

Conversions

Conversions Part 2

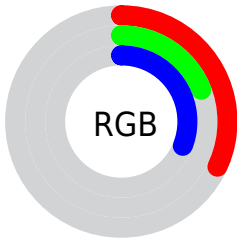
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 81, 49, 80 |
| Decimal | 5321040 |
| CIE _{Lab} | 25.34, 20.24, -13.02 |
| CIE _{LCh} | 25, 24.065, 327.255 |
| Yxy | 4.5251, 0.3191, 0.2431 |
| Android (android.graphics.Color) | 4283511120 (0xFF513150) |
| YUV | 62.1020, 8.8237, 16.5735 |
| Hunter-Lab | 21.2724, 12.6136, -7.8243 |

Details

The YUV color **62.1020, 8.8237, 16.5735** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **67.8980, -8.8237, -16.5735**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.2270, 9.2551, 18.2179**, and **17.6890, 8.5343, 16.0587** is the 20% darker color. If you saturate the color by 10%, you get **57.4060, 11.1388, 20.6919**, and if you desaturate by 10%, it is **66.7980, 6.5086, 12.4552**.

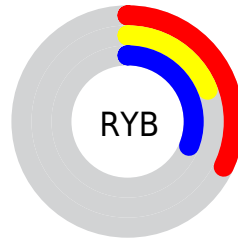
Distribution



Red (32%)

Green (19%)

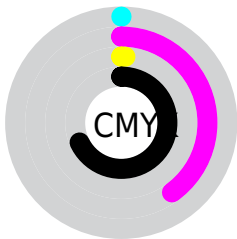
Blue (31%)



Red (32%)

Yellow (19%)

Blue (31%)

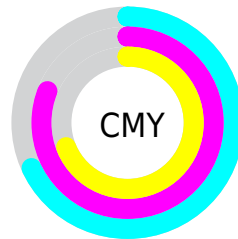


Cyan (0%)

Magenta (40%)

Yellow (1%)

Black (68%)



Cyan (68%)

Magenta (81%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.1020, 8.8237, 16.5735 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 62.1020, 8.8237, 16.5735 by changing the saturation by 10% instead.

■ 62.1020, 8.8237,
16.5735

■ 62.1020, 8.8237,
16.5735

■ 255.0000, 0.0000,
0.0000

■ 39.3900, 8.6817,
15.4440

■ 110.2270, 9.2551,
18.2179

■ 17.6890, 8.5343,
16.0587

■ 135.6400, 9.5445,
18.7327

■ 1.3680, 5.2416,
-1.1997

■ 162.3520, 9.6865,
19.8623

■ 0.0000, 0.0000,
0.0000

■ 189.4660, 10.1233,
19.7623

■ 217.1780, 10.2652,
20.8919

■ 239.7380, 7.5242,

13.3848

■ 62.1020, 8.8237,
16.5735

■ 62.1020, 8.8237,
16.5735

■ 57.4060, 11.1388,
20.6919

■ 66.7980, 6.5086,
12.4552

■ 52.5960, 13.0172,
24.9103

■ 71.6080, 4.6303,
8.2368

■ 47.9000, 15.3323,
29.0287

■ 76.3040, 2.3151,
4.1184

■ 43.2040, 17.6474,
33.1471

■ 81.0000, 0.0000,
0.0000

■ 38.5080, 19.9626,
37.2655

■ 86.2830, -2.6045,
-4.6332

■ 33.1110, 22.1303,
41.9987

■ 91.0930, -4.4828,
-8.8516

■ 95.7890, -6.7980,
-12.9700

■ 100.4850, -9.1131,
-17.0883

■ 105.1810,
-11.4282, -21.2067

Harmonies

Analogous

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



61.0010, 15.2825, -1.7549



62.1020, 8.8237, 16.5735



61.2900, 0.3500, 27.8097

Triad

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



62.1020, 8.8237, 16.5735



58.1960, -17.3516, 12.1061



49.1670, 13.2287, -43.1195

Complementary

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



62.1020, 8.8237, 16.5735



67.8980, -8.8237, -16.5735

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.



47.1150, 5.3663, -41.3199



62.1020, 8.8237, 16.5735



56.6780, -15.1243, -2.3486

Square

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



62.1020, 8.8237, 16.5735



59.6580, -14.6214, 23.1019



54.0440, -6.9237, -19.3326



49.5890, 19.9226, -43.4896

Rectangle

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



62.1020, 8.8237, 16.5735



60.2210, -5.0390, 29.6242



54.0440, -6.9237, -19.3326



48.4830, 10.6079, -42.5196

Sweetspot

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



62.1020, 8.8237, 16.5735



97.2550, 3.3253, 6.7924



52.9470, 13.8301, -2.5845



49.1900, 1.8783, 4.2184



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



62.1020, 8.8237, 16.5735



75.4220, 13.5960, 25.9399



60.2780, 1.8349, 18.1732



38.6520, 1.1576, 2.0592



42.9090, 28.6389, 54.4538



95.0180, 64.0811, 120.1332

Inverse Universe

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



62.1020, 8.8237, 16.5735



75.4220, 13.5960, 25.9399



69.7220, -1.8349, -18.1732



38.6520, 1.1576, 2.0592



42.9090, 28.6389, 54.4538



95.0180, 64.0811, 120.1332

Previews

White Background



This preview shows how the YUV color 62.1020, 8.8237, 16.5735 looks on a white background.

Color Contrast Check

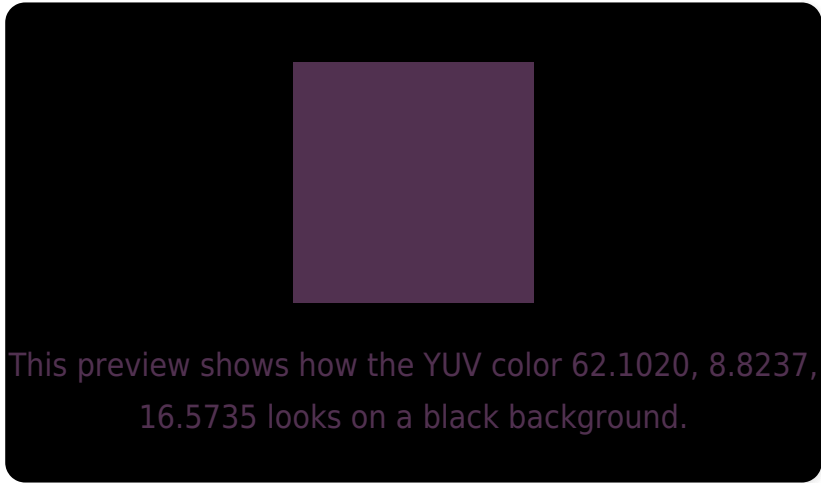
Large Text (above 18pt) WCAG AA ✓ Pass

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

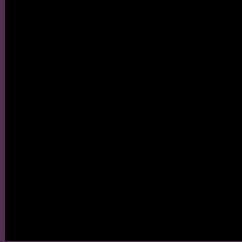
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.1020, 8.8237, 16.5735

Background



This preview shows how black text looks on a background with the YUV color 62.1020, 8.8237, 16.5735.

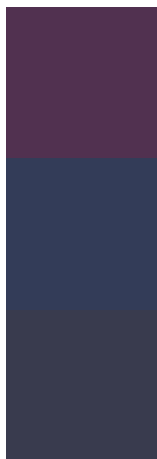


This preview shows how white text looks on a background with the YUV color 62.1020, 8.8237,

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

62.1020, 8.8237, 16.5735

Protanopia

60.5010, 13.5570, -8.3324

Deuteranopia

60.5680, 8.5940, -3.1291



Tritanopia

61.6320, -1.7906, 14.3547

Trichromacy



Original Color

62.1020, 8.8237, 16.5735

Protanomaly

61.1000, 11.7827, 0.7893

Deuteranomaly

61.0250, 8.8617, 4.3631

Tritanomaly

61.6690, 2.1352, 15.1993

Monochromacy



Original Color

62.1020, 8.8237, 16.5735

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.1020, 8.8237, 16.5735 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(81, 49, 80)` looks like.

```
.text, #text, p{  
    color:rgb(81, 49, 80)  
}
```

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(81, 49, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 49, 80) }
```

Border

The CSS property to change the border of an element to YUV 62.1020, 8.8237, 16.5735 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(81, 49, 80) }
```


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

```
.border{ border-color:rgb(81, 49, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 49, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 49, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 49, 80);  
box-shadow:4px 4px 4px 4px rgb(81, 49, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.1020, 8.8237, 16.5735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 49, 80) }
```

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

```
.background{ background-color: rgb(81, 49,  
80) }
```

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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