

Converting Colors

YUV(64.6090, -10.1602,
38.9309)

Have a look what the booklet for
YUV(64.6090, -10.1602, 38.9309)
contains.

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Color

**YUV(64.6090, -10.1602,
38.9309)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6D2E2C |
| RGB | 109, 46, 44 |
| RGB Percent | 43%, 18%, 17% |
| CMY | 0.5725, 0.8196, 0.8275 |
| CMYK | 0.00, 0.58, 0.60, 0.57 |
| HSL | 2°, 42%, 30% |
| HSV | 2°, 60%, 43% |
| XYZ | 7.7383, 5.3870, 3.0148 |
| YIQ | 64.6090, 38.1900, 12.7340 |

Conversions

Conversions Part 2

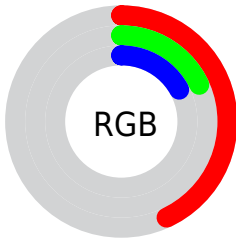
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 109, 46, 44 |
| Decimal | 7155244 |
| CIELab | 27.81, 27.87, 15.03 |
| CIElCh | 28, 31.664, 28.336 |
| Yxy | 5.3870, 0.4794, 0.3338 |
| Android (android.graphics.Color) | 4285345324 (0xFF6D2E2C) |
| YUV | 64.6090, -10.1602, 38.9309 |
| Hunter-Lab | 23.2100, 18.8949, 8.5456 |

Details

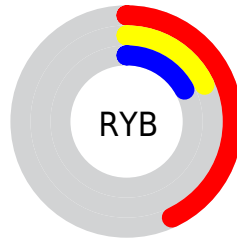
The YUV color **64.6090, -10.1602, 38.9309** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.3910, 10.1602, -38.9309**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.4740, -12.0657, 43.4343**, and **17.0430, -8.4022, 35.0423** is the 20% darker color. If you saturate the color by 10%, you get **56.8980, -11.7817, 45.6935**, and if you desaturate by 10%, it is **72.3200, -8.5388, 32.1684**.

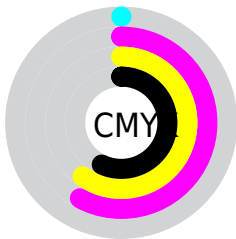
Distribution



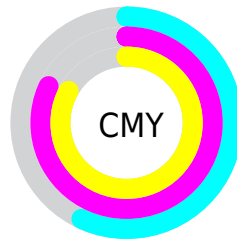
- Red (43%)
- Green (18%)
- Blue (17%)



- Red (43%)
- Yellow (18%)
- Blue (17%)



- Cyan (0%)
- Magenta (58%)
- Yellow (60%)
- Black (57%)



- Cyan (57%)
- Magenta (82%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.6090, -10.1602, 38.9309 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 64.6090, -10.1602, 38.9309 by changing the saturation by 10% instead.

64.6090, -10.1602,
38.9309

64.6090, -10.1602,
38.9309

255.0000, 0.0000,
0.0000

40.6410, -8.6970,
36.2718

114.4740,
-12.0657, 43.4343

17.0430, -8.4022,
35.0423

140.2570,
-12.9447, 45.3786

9.6820, -4.2802,
19.5729

167.7410,
-13.6763, 46.7081

0.0000, 0.0000,
0.0000

194.9370,
-14.2659, 49.1673

215.6470,
-11.1650, 34.5126

235.2750, -7.0376,

17.2988

254.3160, -2.6208,
0.5999

64.6090, -10.1602,
38.9309

64.6090, -10.1602,
38.9309

56.8980, -11.7817,
45.6935

72.3200, -8.5388,
32.1684

49.7740, -13.6926,
51.9412

79.4440, -6.6279,
25.9206

42.0630, -15.3141,
58.7037

87.1550, -5.0064,
19.1581

34.9390, -17.2249,
64.9515

94.2790, -3.0955,
12.9103

34.3520, -16.9355,
65.4663

101.9900, -1.4741,
6.1478

■ 109.0000, 0.0000,
0.0000

■ 116.7110, 1.6215,
-6.7625

■ 124.4220, 3.2430,
-13.5251

■ 131.5460, 5.1538,
-19.7728

Harmonies

Analogous

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



65.2850, 1.3385, 37.4611



64.6090, -10.1602, 38.9309



64.3230, -19.8792, 29.5347

Triad

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



64.6090, -10.1602, 38.9309



55.0490, -7.9122, -28.9840



53.4990, 29.8270, -46.9186

Complementary

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



64.6090, -10.1602, 38.9309



88.3910, 10.1602, -38.9309

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.



56.2230, 25.0331, -49.3076



64.6090, -10.1602, 38.9309



52.3810, 5.2352, -45.9381

Square

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



64.6090, -10.1602, 38.9309



60.7010, -20.0656, -4.1228



55.2310, 16.1551, -48.4376



66.7820, 20.8135, -2.4398

Rectangle

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



64.6090, -10.1602, 38.9309



63.5300, -23.9253, 20.5832



55.2310, 16.1551, -48.4376



54.5590, 28.8114, -47.8482

Sweetspot

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



64.6090, -10.1602, 38.9309



125.3610, -4.1220, 15.4694



70.7310, 18.3736, 33.5619



60.4850, -2.2111, 9.2217



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



64.6090, -10.1602, 38.9309



72.5580, -16.0511, 61.7776



83.3930, -19.4207, 22.4573



49.7940, -0.8844, 3.6887



37.3310, -18.4042, 69.8697



77.9510, -38.4298, 146.5020

Inverse Universe

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



88.3910, 10.1602, -38.9309



110.4420, 16.0511, -61.7776



69.6070, 19.4207, -22.4573



51.6190, 1.1738, -3.1739



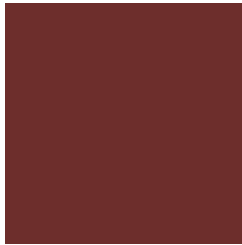
80.2560, 18.1148, -70.3845



167.0490, 38.4298, -146.5020

Previews

White Background



This preview shows how the YUV color 64.6090, -10.1602, 38.9309 looks on a white background.

Color Contrast Check

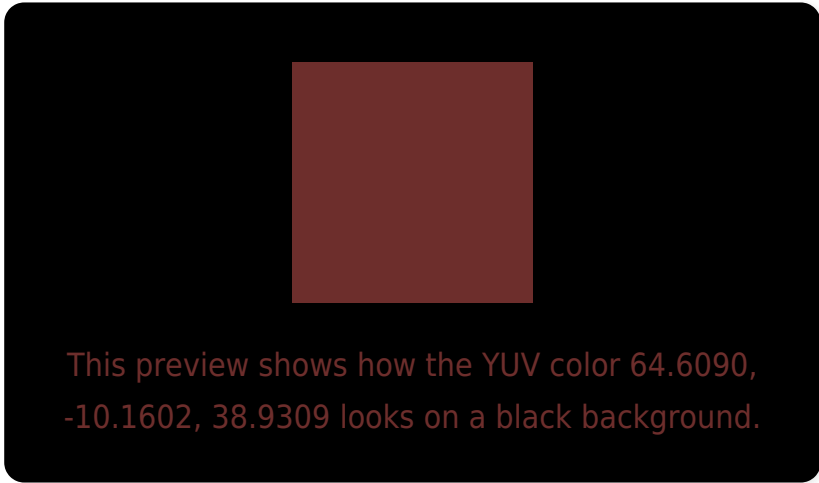
Large Text (above 18pt) WCAG AA ✓ Pass

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

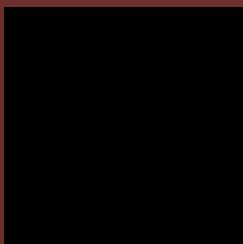
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.6090, -10.1602, 38.9309

Background



This preview shows how black text looks on a background with the YUV color 64.6090, -10.1602, 38.9309.

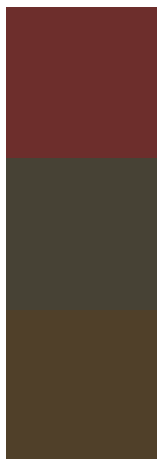


This preview shows how white text looks on a background with the YUV color 64.6090, -10.1602,

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

64.6090, -10.1602, 38.9309

Protanopia

66.0130, -6.4154, 4.3736

Deuteranopia

66.1620, -12.4049, 12.1359



Tritanopia

64.4780, -8.1237, 39.0458

Trichromacy



Original Color

64.6090, -10.1602, 38.9309

Protanomaly

65.7480, -7.7638, 16.8840

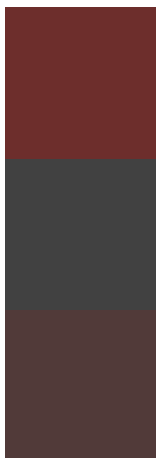
Deuteranomaly

65.4560, -11.5638, 22.4021

Tritanomaly

64.3640, -8.5605, 39.1458

Monochromacy



Original Color

64.6090, -10.1602, 38.9309

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7630, -3.8272, 14.2398

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.6090, -10.1602, 38.9309 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(109, 46, 44)` looks like.

```
.text, #text, p{  
    color:rgb(109, 46, 44)  
}
```

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(109, 46, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 46, 44) }
```

Border

The CSS property to change the border of an element to YUV 64.6090, -10.1602, 38.9309 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(109, 46, 44) }
```


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

```
.border{ border-color:rgb(109, 46, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 46, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 46, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 46, 44);  
box-shadow:4px 4px 4px 4px rgb(109, 46,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 64.6090, -10.1602, 38.9309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 46, 44) }
```

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

```
.background{ background-color: rgb(109, 46,  
44) }
```

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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