

Converting Colors

YUV(65.2090, -0.1030, 33.1427)

Have a look what the booklet for
YUV(65.2090, -0.1030, 33.1427)
contains.

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Color

**YUV(65.2090, -0.1030,
33.1427)**

Conversions

Conversions Part 1

Format	Color
Hex	672E41
RGB	103, 46, 65
RGB Percent	40%, 18%, 25%
CMY	0.5961, 0.8196, 0.7451
CMYK	0.00, 0.55, 0.37, 0.60
HSL	340°, 38%, 29%
HSV	340°, 55%, 40%
XYZ	7.5246, 5.2192, 5.6118
YIQ	65.2090, 27.8730, 17.9930

Conversions

Conversions Part 2

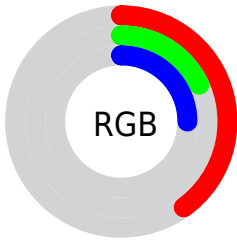
Format	Color
RYB	103, 46, 65
Decimal	6762049
CIELab	27.35, 27.84, 0.31
CIELCh	27, 27.840, 0.643
Yxy	5.2192, 0.4099, 0.2843
Android (android.graphics.Color)	4284952129 (0xFF672E41)
YUV	65.2090, -0.1030, 33.1427
Hunter-Lab	22.8456, 18.8127, 1.4278

Details

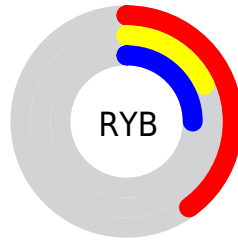
The YUV color **65.2090, -0.1030, 33.1427** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **83.7910, 0.1030, -33.1427**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.7040, -0.8401, 36.2166**, and **18.4690, 2.2338, 30.2837** is the 20% darker color. If you saturate the color by 10%, you get **58.5410, -0.2667, 38.9905**, and if you desaturate by 10%, it is **71.8770, 0.0606, 27.2949**.

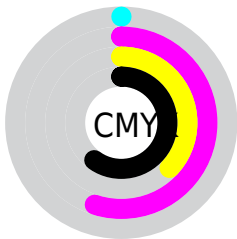
Distribution



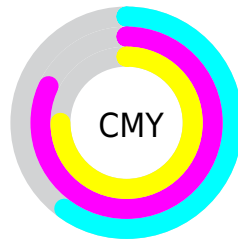
- Red (40%)
- Green (18%)
- Blue (25%)



- Red (40%)
- Yellow (18%)
- Blue (25%)



- Cyan (0%)
- Magenta (55%)
- Yellow (37%)
- Black (60%)



- Cyan (60%)
- Magenta (82%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.2090, -0.1030, 33.1427 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 65.2090, -0.1030, 33.1427 by changing the saturation by 10% instead.

■ 65.2090, -0.1030,
33.1427

■ 65.2090, -0.1030,
33.1427

■ 255.0000, 0.0000,
0.0000

■ 41.7250, 0.6286,
31.8132

■ 114.7040, -0.8401,
36.2166

■ 18.4690, 2.2338,
30.2837

■ 140.6010, -1.2823,
38.0609

■ 9.0840, -3.9854,
18.3433

■ 167.1990, -1.5771,
39.2905

■ 0.0000, 0.0000,
0.0000

■ 194.7970, -1.8719,
40.5200

■ 218.6110, 0.1918,
31.9132

■ 238.3530, 4.7560,

14.5994

■ 65.2090, -0.1030,
33.1427

■ 65.2090, -0.1030,
33.1427

■ 58.5410, -0.2667,
38.9905

■ 71.8770, 0.0606,
27.2949

■ 51.2860, -0.1410,
45.3532

■ 79.1320, -0.0651,
20.9322

■ 44.6180, -0.3047,
51.2010

■ 85.8000, 0.0986,
15.0844

■ 38.0640, -0.0316,
56.9489

■ 92.3540, -0.1745,
9.3365

■ 34.6730, -0.3318,
59.9228

■ 99.6090, -0.3002,
2.9739

■ 106.2770, -0.1366,
-2.8739

■ 112.9450, 0.0271,
-8.7218

■ 119.6130, 0.1908,
-14.5696

■ 126.8680, 0.0651,
-20.9322

Harmonies

Analogous

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



66.3630, 9.6810, 21.6066



65.2090, -0.1030, 33.1427



64.5760, -10.1440, 33.6978

Triad

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



65.2090, -0.1030, 33.1427



60.4990, -17.0080, -4.8226



53.7780, 23.2804, -47.1633

Complementary

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



65.2090, -0.1030, 33.1427



83.7910, 0.1030, -33.1427

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.



53.8290, 15.8603, -47.2080



65.2090, -0.1030, 33.1427



55.5270, -6.1758, -25.8952

Square

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



65.2090, -0.1030, 33.1427



62.5720, -20.9880, 11.7764



51.3210, 6.2507, -45.0085



58.1050, 24.1052, -31.6641

Rectangle

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



65.2090, -0.1030, 33.1427



63.7620, -15.6587, 29.1497



51.3210, 6.2507, -45.0085



53.9090, 21.2439, -47.2782

Sweetspot

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



65.2090, -0.1030, 33.1427



119.7890, 0.1040, 13.3400



63.8600, 19.2960, 17.6628



59.7560, 0.1203, 8.1070



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



65.2090, -0.1030, 33.1427



76.0310, -0.0153, 51.7158



68.9130, -11.2961, 29.8943



47.7230, 0.1366, 2.8739



38.7170, -0.3535, 66.9002



81.5920, -0.2919, 140.6778

Inverse Universe

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



65.2090, -0.1030, 33.1427



76.0310, -0.0153, 51.7158



80.0870, 11.2961, -29.8943



47.7230, 0.1366, 2.8739



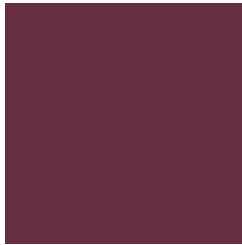
38.7170, -0.3535, 66.9002



81.5920, -0.2919, 140.6778

Previews

White Background



This preview shows how the YUV color 65.2090, -0.1030, 33.1427 looks on a white background.

Color Contrast Check

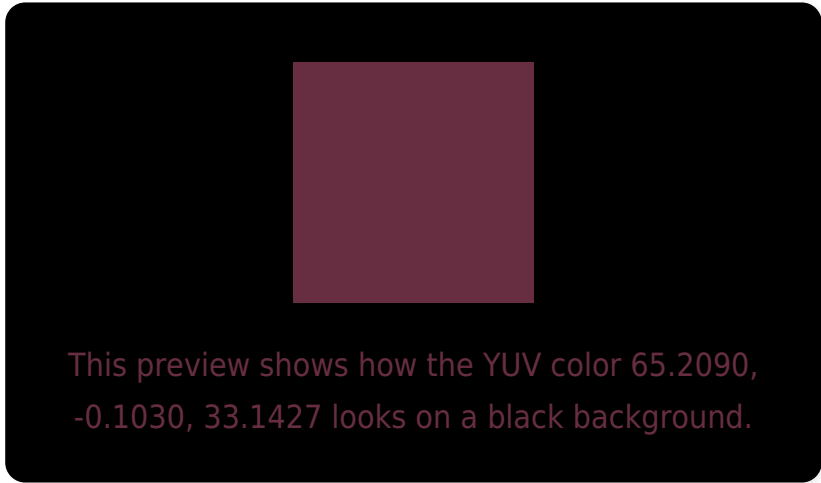
Large Text (above 18pt) WCAG AA ✓ Pass

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

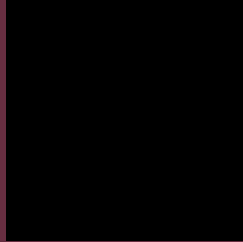
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.2090, -0.1030, 33.1427

Background



This preview shows how black text looks on a background with the YUV color 65.2090, -0.1030, 33.1427.



This preview shows how white text looks on a background with the YUV color 65.2090, -0.1030,

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

65.2090, -0.1030, 33.1427

Protanopia

65.6560, 5.0996, -2.3293

Deuteranopia

65.8760, -1.9109, 6.2477



Tritanopia

65.1890, -6.5022, 32.2832

Trichromacy



Original Color

65.2090, -0.1030, 33.1427

Protanomaly

65.5760, 3.1670, 10.8958

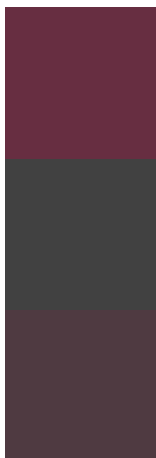
Deuteranomaly

65.7570, -1.3592, 15.9991

Tritanomaly

65.1720, -4.0288, 32.2982

Monochromacy



Original Color

65.2090, -0.1030, 33.1427

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0770, -0.0380, 12.2105

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.2090, -0.1030, 33.1427 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(103, 46, 65)` looks like.

```
.text, #text, p{  
    color:rgb(103, 46, 65)  
}
```

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(103, 46, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 46, 65) }
```

Border

The CSS property to change the border of an element to YUV 65.2090, -0.1030, 33.1427 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(103, 46, 65) }
```


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

```
.border{ border-color:rgb(103, 46, 65) }
```

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

Here you see how a box with a 4 pixel rgb(103, 46, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 46, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 46, 65);  
box-shadow:4px 4px 4px 4px rgb(103, 46,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 65.2090, -0.1030, 33.1427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 46, 65) }
```

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

```
.background{ background-color: rgb(103, 46,  
65) }
```

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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