

Converting Colors

YUV(104.0080, -29.0909,
-2.6380)

Have a look what the booklet for
YUV(104.0080, -29.0909, -2.6380)
contains.

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Color

**YUV(104.0080, -29.0909,
-2.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	65752D
RGB	101, 117, 45
RGB Percent	40%, 46%, 18%
CMY	0.6039, 0.5412, 0.8235
CMYK	0.14, 0.00, 0.62, 0.54
HSL	73°, 44%, 32%
HSV	73°, 62%, 46%
XYZ	12.2018, 15.6787, 4.8658
YIQ	104.0080, 13.5760, -25.7840

Conversions

Conversions Part 2

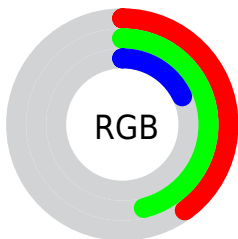
Format	Color
R_{YB}	45, 117, 61
Decimal	6649133
CIE _{Lab}	46.55, -17.38, 36.87
CIE _{LCh}	47, 40.763, 115.240
Yxy	15.6787, 0.3726, 0.4788
Android (android.graphics.Color)	4284839213 (0xFF65752D)
YUV	104.0080, -29.0909, -2.6380
Hunter-Lab	39.5964, -14.2883, 20.4316

Details

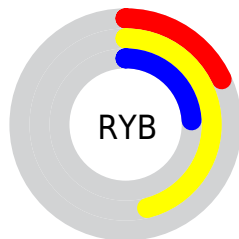
The YUV color **104.0080, -29.0909, -2.6380** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **57.9920, 29.0909, 2.6380**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9650, -30.5487, -1.7233**, and **56.0510, -27.6331, -3.5527** is the 20% darker color. If you saturate the color by 10%, you get **101.7430, -33.8903, -3.2826**, and if you desaturate by 10%, it is **106.2730, -24.2916, -1.9934**.

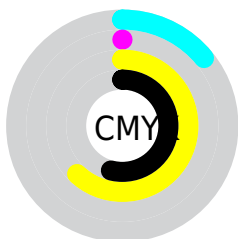
Distribution



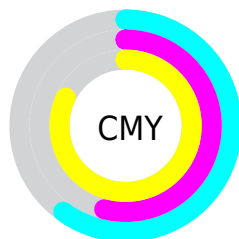
- Red (40%)
- Green (46%)
- Blue (18%)



- Red (18%)
- Yellow (46%)
- Blue (24%)



- Cyan (14%)
- Magenta (0%)
- Yellow (62%)
- Black (54%)



- Cyan (60%)
- Magenta (54%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.0080, -29.0909, -2.6380 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 104.0080, -29.0909, -2.6380 by changing the saturation by 10% instead.

■ 104.0080,
-29.0909, -2.6380

■ 104.0080,
-29.0909, -2.6380

■ 255.0000, 0.0000,
0.0000

■ 79.0080, -29.0909,
-2.6380

■ 155.9650,
-30.5487, -1.7233

■ 56.0510, -27.6331,
-3.5527

■ 182.7370,
-31.4223, -1.5233

■ 35.3740, -17.4394,
-6.4670

■ 210.6230,
-31.8591, -1.4234

■ 15.8490, -7.8136,
-13.8996

■ 239.3950,
-32.7327, -1.2234

■ 0.0000, 0.0000,
0.0000

■ 248.7300,
-24.0239, 5.4988

■ 252.0360,

-11.3567, 2.5994

■ 104.0080,
-29.0909, -2.6380

■ 104.0080,
-29.0909, -2.6380

■ 101.7430,
-33.8903, -3.2826

■ 106.2730,
-24.2916, -1.9934

■ 99.8910, -38.4003,
-3.4124

■ 108.1250,
-19.7816, -1.8636

■ 97.6260, -43.1996,
-4.0570

■ 110.3900,
-14.9823, -1.2190

■ 95.8880, -47.2728,
-4.2868

■ 112.3560,
-10.0355, -1.1892

■ 114.5070, -5.6730,
-0.4446

■ 116.7720, -0.8736,
0.2000

■ 118.7380, 4.0732,
0.2298

■ 121.0030, 8.8725,
0.8744

■ 122.8550, 13.3825,
1.0042

Harmonies

Analogous

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



107.3210, -33.6823, 23.3975



104.0080, -29.0909, -2.6380



98.1100, -13.8582, -35.1765

Triad

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



104.0080, -29.0909, -2.6380



91.7120, 36.6240, -80.4314



111.7150, 2.6055, 51.1159

Complementary

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



104.0080, -29.0909, -2.6380



57.9920, 29.0909, 2.6380

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.



113.8830, 17.8057, 29.0436



104.0080, -29.0909, -2.6380



90.1780, 43.2962, -73.8241

Square

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



104.0080, -29.0909, -2.6380



90.2810, 23.5255, -79.1764



111.4530, 29.8497, -7.4133



109.9100, -13.2666, 55.3299

Rectangle

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



104.0080, -29.0909, -2.6380



84.4500, 3.7222, -74.0626



111.4530, 29.8497, -7.4133



112.7620, 8.0053, 45.8127

Sweetspot

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



104.0080, -29.0909, -2.6380



148.0140, -11.3459, -0.8893



75.9200, -15.2436, 36.0272



73.8660, -6.8359, -0.7595



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



104.0080, -29.0909, -2.6380



132.6430, -45.6730, -4.0719



93.2440, -23.7843, -24.7700



57.7180, -2.3260, -0.6297



100.0190, -49.3094, -4.4017



204.7560, -100.9447, -9.4330

Inverse Universe

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



57.9920, 29.0909, 2.6380



60.3570, 45.6730, 4.0719



68.7560, 23.7843, 24.7700



53.9830, 2.4734, 0.0149



21.9810, 49.3094, 4.4017



45.2440, 100.9447, 9.4330

Previews

White Background



This preview shows how the YUV color 104.0080, -29.0909, -2.6380 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 × Fail

Black Background



This preview shows how the YUV color 104.0080, -29.0909, -2.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

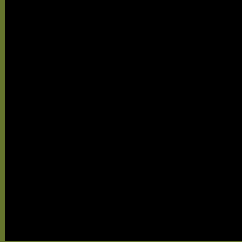
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.0080, -29.0909, -2.6380

Background



This preview shows how black text looks on a background with the YUV color 104.0080, -29.0909, -2.6380.



This preview shows how white text looks on a background with the YUV color 104.0080, -29.0909, -2.6380.

-2.6380.

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

104.0080, -29.0909, -2.6380

Protanopia

106.2490, -31.1818, 14.6906

Deuteranopia

107.8850, -29.0303, 24.6569



Tritanopia

110.6130, 3.6418, -1.4146

Trichromacy



Original Color

104.0080, -29.0909, -2.6380

Protanomaly

105.7320, -30.4339, 8.1280

Deuteranomaly

106.2320, -28.7084, 14.7055

Tritanomaly

108.3990, -8.5777, -2.1039

Monochromacy



Original Color

104.0080, -29.0909, -2.6380

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.2420, -10.4723, -1.0892

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.0080, -29.0909, -2.6380 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(101, 117, 45)` looks like.

```
.text, #text, p{  
    color:rgb(101, 117, 45)  
}
```

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(101, 117, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 117, 45) }
```

Border

The CSS property to change the border of an element to YUV 104.0080, -29.0909, -2.6380 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(101, 117, 45) }
```


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

```
.border{ border-color:rgb(101, 117, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 117, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 117, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 117, 45);  
box-shadow:4px 4px 4px 4px rgb(101, 117,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 104.0080, -29.0909, -2.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 117, 45) }
```

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

```
.background{ background-color: rgb(101,  
117, 45) }
```

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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