

Converting Colors

YUV(66.8180, -20.6163,
32.6086)

Have a look what the booklet for
YUV(66.8180, -20.6163, 32.6086)
contains.

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Color

**YUV(66.8180, -20.6163,
32.6086)**

Conversions

Conversions Part 1

Format	Color
Hex	683819
RGB	104, 56, 25
RGB Percent	41%, 22%, 10%
CMY	0.5922, 0.7804, 0.9020
CMYK	0.00, 0.46, 0.76, 0.59
HSL	24°, 61%, 25%
HSV	24°, 76%, 41%
XYZ	7.2986, 5.8416, 1.6626
YIQ	66.8180, 38.5590, 0.5350

Conversions

Conversions Part 2

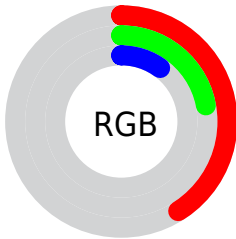
Format	Color
RYB	104, 76, 25
Decimal	6830105
CIELab	29.01, 18.52, 27.98
CIELCh	29, 33.556, 56.509
Yxy	5.8416, 0.4931, 0.3946
Android (android.graphics.Color)	4285020185 (0xFF683819)
YUV	66.8180, -20.6163, 32.6086
Hunter-Lab	24.1694, 11.6062, 12.8401

Details

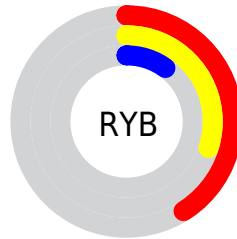
The YUV color **66.8180, -20.6163, 32.6086** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **62.1820, 20.6163, -32.6086**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5690, -22.9585, 37.2120**, and **23.1790, -11.4272, 25.2760** is the 20% darker color. If you saturate the color by 10%, you get **62.1560, -23.2479, 36.6972**, and if you desaturate by 10%, it is **71.4800, -17.9846, 28.5200**.

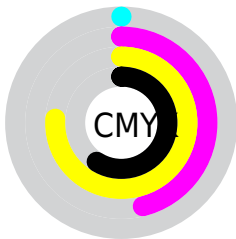
Distribution



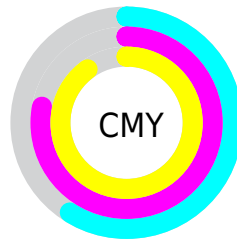
- Red (41%)
- Green (22%)
- Blue (10%)



- Red (41%)
- Yellow (30%)
- Blue (10%)



- Cyan (0%)
- Magenta (46%)
- Yellow (76%)
- Black (59%)



- Cyan (59%)
- Magenta (78%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.8180, -20.6163, 32.6086 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 66.8180, -20.6163, 32.6086 by changing the saturation by 10% instead.

■ 66.8180, -20.6163,
32.6086

■ 66.8180, -20.6163,
32.6086

255.0000, 0.0000,
0.0000

■ 43.2800, -21.3370,
30.4494

■ 116.5690,
-22.9585, 37.2120

■ 23.1790, -11.4272,
25.2760

■ 142.3520,
-23.8375, 39.1563

■ 8.1870, -3.5432,
16.4990

■ 169.1350,
-24.7166, 41.1006

■ 0.0000, 0.0000,
0.0000

■ 196.9180,
-25.5956, 43.0449

■ 219.0090,
-23.6684, 31.5641

■ 238.6370,

-19.5410, 14.3504

■ 251.8080,
-12.2303, 2.7994

■ 66.8180, -20.6163,
32.6086

■ 66.8180, -20.6163,
32.6086

■ 62.1560, -23.2479,
36.6972

■ 71.4800, -17.9846,
28.5200

■ 56.7930, -26.0269,
41.4005

■ 76.8430, -15.2056,
23.8167

■ 55.1630, -27.1954,
42.8300

■ 81.5050, -12.5740,
19.7281

■ 86.2810, -9.5055,
15.5396

■ 91.5300, -7.1633,
10.9362

■ 96.1920, -4.5317,
6.8476

■ 100.9680, -1.4632,
2.6591

■ 106.2170, 0.8790,
-1.9443

■ 110.9930, 3.9475,
-6.1329

Harmonies

Analogous

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



67.3320, -10.0237, 41.8048



66.8180, -20.6163, 32.6086



65.5250, -26.3878, 17.0796

Triad

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



66.8180, -20.6163, 32.6086



54.8430, 4.5144, -48.0973



69.2270, 22.5661, -4.5841

Complementary

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



66.8180, -20.6163, 32.6086



62.1820, 20.6163, -32.6086

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.



55.9440, 31.5796, -49.0629



66.8180, -20.6163, 32.6086



57.9210, 16.3079, -50.7967

Square

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



66.8180, -20.6163, 32.6086



57.2940, -9.5119, -29.1988



58.4400, 25.9121, -51.2519



70.5850, 13.0226, 23.1660

Rectangle

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



66.8180, -20.6163, 32.6086



63.6050, -24.4553, 3.8544



58.4400, 25.9121, -51.2519



66.2470, 25.5142, -16.8796

Sweetspot

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



66.8180, -20.6163, 32.6086



120.3130, -8.0423, 12.8805



54.2070, 9.7579, 43.6685



59.7900, -4.8265, 8.0772



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.



66.8180, -20.6163, 32.6086



76.9530, -32.0218, 50.9072



89.7110, -31.9025, 12.5315



48.6690, -1.3158, 2.0443



60.8000, -29.9744, 47.5334



128.1230, -63.1646, 99.8701

Inverse Universe

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



62.1820, 20.6163, -32.6086



70.0470, 32.0218, -50.9072



39.2890, 31.9025, -12.5315



48.3310, 1.3158, -2.0443



54.2000, 29.9744, -47.5334



113.8770, 63.1646, -99.8701

Previews

White Background



This preview shows how the YUV color 66.8180, -20.6163, 32.6086 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



This preview shows how the YUV color 66.8180, -20.6163, 32.6086 looks on a 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 66.8180, -20.6163, 32.6086

Background



This preview shows how black text looks on a background with the YUV color 66.8180, -20.6163, 32.6086.



This preview shows how white text looks on a background with the YUV color 66.8180, -20.6163,

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

66.8180, -20.6163, 32.6086

Protanopia

66.8320, -18.6512, 8.9173

Deuteranopia

66.9640, -22.1673, 16.6946



Tritanopia

69.1890, -6.5022, 32.2832

Trichromacy



Original Color

66.8180, -20.6163, 32.6086

Protanomaly

66.7730, -19.1151, 17.7391

Deuteranomaly

66.8230, -21.6047, 22.9572

Tritanomaly

68.2230, -11.4489, 32.2534

Monochromacy



Original Color

66.8180, -20.6163, 32.6086

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.8290, -7.3107, 11.5510

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.8180, -20.6163, 32.6086 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(104, 56, 25)` looks like.

```
.text, #text, p{  
    color:rgb(104, 56, 25)  
}
```

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(104, 56, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 56, 25) }
```

Border

The CSS property to change the border of an element to YUV 66.8180, -20.6163, 32.6086 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(104, 56, 25) }
```


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

```
.border{ border-color:rgb(104, 56, 25) }
```

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

Here you see how a box with a 4 pixel rgb(104, 56, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 56, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 56, 25);  
box-shadow:4px 4px 4px 4px rgb(104, 56,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 66.8180, -20.6163, 32.6086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 56, 25) }
```

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

```
.background{ background-color: rgb(104, 56,  
25) }
```

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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