

Converting Colors

YUV(48.8400, 29.6589, 7.1563)

Have a look what the booklet for
YUV(48.8400, 29.6589, 7.1563)
contains.

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Color

**YUV(48.8400, 29.6589,
7.1563)**

Conversions

Conversions Part 1

Format	Color
Hex	39216D
RGB	57, 33, 109
RGB Percent	22%, 13%, 43%
CMY	0.7765, 0.8706, 0.5725
CMYK	0.48, 0.70, 0.00, 0.57
HSL	259°, 54%, 28%
HSV	259°, 70%, 43%
XYZ	4.9915, 3.0617, 14.7959
YIQ	48.8400, -10.0920, 28.7240

Conversions

Conversions Part 2

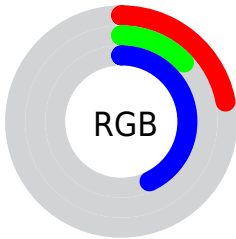
Format	Color
R_{YB}	57, 33, 109
Decimal	3744109
CIE _{Lab}	20.29, 30.82, -40.26
CIE _{LCh}	20, 50.700, 307.440
Yxy	3.0617, 0.2185, 0.1340
Android (android.graphics.Color)	4281934189 (0xFF39216D)
YUV	48.8400, 29.6589, 7.1563
Hunter-Lab	17.4977, 20.2992, -37.8866

Details

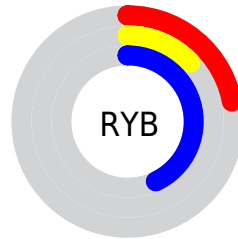
The YUV color **48.8400, 29.6589, 7.1563** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **93.1600, -29.6589, -7.1563**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.3180, 31.3952, 10.2451**, and **10.2430, 25.0232, 0.6639** is the 20% darker color. If you saturate the color by 10%, you get **40.2900, 33.8740, 8.5157**, and if you desaturate by 10%, it is **57.3900, 25.4437, 5.7970**.

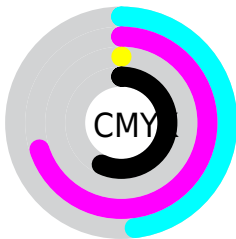
Distribution



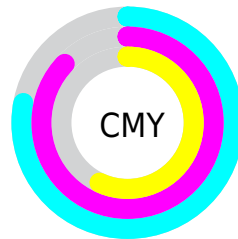
- Red (22%)
- Green (13%)
- Blue (43%)



- Red (22%)
- Yellow (13%)
- Blue (43%)



- Cyan (48%)
- Magenta (70%)
- Yellow (0%)
- Black (57%)



- Cyan (78%)
- Magenta (87%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.8400, 29.6589, 7.1563 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 48.8400, 29.6589, 7.1563 by changing the saturation by 10% instead.

■ 48.8400, 29.6589,
7.1563

■ 48.8400, 29.6589,
7.1563

■ 255.0000, 0.0000,
0.0000

■ 25.3020, 28.9381,
4.9971

■ 97.3180, 31.3952,
10.2451

■ 10.2430, 25.0232,
0.6639

■ 122.9590, 32.5582,
10.5600

■ 5.5060, 16.0195,
-4.8288

■ 149.1980, 33.4264,
12.1044

■ 2.2970, 6.2626,
-2.0145

■ 176.0240, 34.0052,
13.1340

■ 0.0000, 0.0000,
0.0000

■ 201.3850, 26.4322,
15.4484

■ 226.4920, 14.0544,

18.8625

245.0210, 4.9196,
8.7516

48.8400, 29.6589,
7.1563

48.8400, 29.6589,
7.1563

40.2900, 33.8740,
8.5157

57.3900, 25.4437,
5.7970

31.4410, 38.2366,
9.2602

66.2390, 21.0812,
5.0524

22.8910, 42.4517,
10.6196

74.7890, 16.8660,
3.6930

22.5920, 42.5991,
10.0048

83.6380, 12.5035,
2.9485

91.6010, 8.5777,
2.1039

■ 100.4500, 4.2151,
1.3593

■ 109.0000, 0.0000,
0.0000

■ 117.8490, -4.3626,
-0.7446

■ 126.3990, -8.5777,
-2.1039

Harmonies

Analogous

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



44.0730, 39.4040, -38.6520



48.8400, 29.6589, 7.1563



38.1940, 19.6244, 52.4499

Triad

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



48.8400, 29.6589, 7.1563



45.9490, -22.6529, 32.4937



44.1800, 6.8133, -38.7459

Complementary

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



48.8400, 29.6589, 7.1563



93.1600, -29.6589, -7.1563

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.



38.4460, -10.0799, -33.7171



48.8400, 29.6589, 7.1563



45.7840, -22.5715, 6.3284

Square

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



48.8400, 29.6589, 7.1563



34.0310, -16.7773, 61.3628



35.8400, -17.6691, -26.1697



47.6970, 22.8274, -41.8303

Rectangle

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



48.8400, 29.6589, 7.1563



38.7470, 7.5197, 61.6119



35.8400, -17.6691, -26.1697



42.1110, 1.4243, -36.9313

Sweetspot

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



48.8400, 29.6589, 7.1563



119.1110, 11.7773, 2.5337



72.7750, 17.8589, -34.8827



57.4330, 6.6885, 1.3743



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.



48.8400, 29.6589, 7.1563



48.0420, 46.8143, 11.3642



59.9030, 24.2048, 29.9031



49.2820, 2.3260, 0.6297



24.4010, 45.6513, 11.0493



50.9530, 95.6652, 22.8432

Inverse Universe

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



61.6520, 11.5106, 41.5242



68.2280, 18.1286, 65.5750



82.0970, -24.2048, -29.9031



50.2500, 0.8628, 3.2887



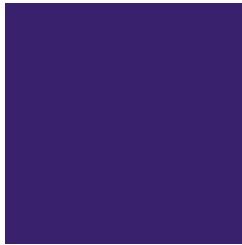
44.1030, 17.6972, 63.9307



92.2930, 36.8306, 133.9240

Previews

White Background



This preview shows how the YUV color 48.8400, 29.6589, 7.1563 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 48.8400, 29.6589, 7.1563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

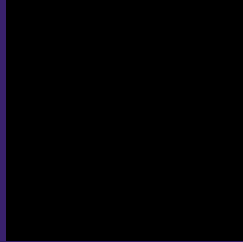
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.8400, 29.6589, 7.1563

Background



This preview shows how black text looks on a background with the YUV color 48.8400, 29.6589, 7.1563.



This preview shows how white text looks on a background with the YUV color 48.8400, 29.6589,

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

48.8400, 29.6589, 7.1563

Protanopia

39.6900, 30.2258, -34.8081

Deuteranopia

39.8550, 23.2425, -34.9528



Tritanopia

48.7650, 3.0739, -5.9329

Trichromacy



Original Color

48.8400, 29.6589, 7.1563

Protanomaly

43.3760, 29.8876, -19.6238

Deuteranomaly

42.9370, 25.6671, -19.2387

Tritanomaly

48.4310, 13.0985, -1.2550

Monochromacy



Original Color

48.8400, 29.6589, 7.1563

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8830, 10.9037, 2.7336

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.8400, 29.6589, 7.1563 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(57, 33, 109)` looks like.

```
.text, #text, p{  
    color:rgb(57, 33, 109)  
}
```

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(57, 33, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 33, 109) }
```

Border

The CSS property to change the border of an element to YUV 48.8400, 29.6589, 7.1563 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(57, 33, 109) }
```


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

```
.border{ border-color:rgb(57, 33, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 33, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 33, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 33, 109);  
box-shadow:4px 4px 4px 4px rgb(57, 33,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 48.8400, 29.6589, 7.1563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 33, 109) }
```

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

```
.background{ background-color: rgb(57, 33,  
109) }
```

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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