

Converting Colors

YUV(68.1600, -29.6589, -7.1563)

Have a look what the booklet for
YUV(68.1600, -29.6589, -7.1563)
contains.

YUV(68.1600, -29.6589, -7.1563)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(68.1600, -29.6589,
-7.1563)**

Conversions

Conversions Part 1

Format	Color
Hex	3C5408
RGB	60, 84, 8
RGB Percent	24%, 33%, 3%
CMY	0.7647, 0.6706, 0.9686
CMYK	0.29, 0.00, 0.90, 0.67
HSL	79°, 83%, 18%
HSV	79°, 90%, 33%
XYZ	5.0776, 7.3188, 1.3748
YIQ	68.1600, 10.0920, -28.7240

Conversions

Conversions Part 2

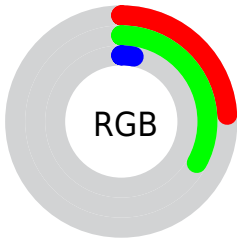
Format	Color
R_{YB}	8, 84, 32
Decimal	3953672
CIE Lab	32.52, -20.83, 37.09
CIE LCh	33, 42.539, 119.326
Yxy	7.3188, 0.3687, 0.5315
Android (android.graphics.Color)	4282143752 (0xFF3C5408)
YUV	68.1600, -29.6589, -7.1563
Hunter-Lab	27.0534, -13.8408, 15.9244

Details

The YUV color **68.1600, -29.6589, -7.1563** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **23.8400, 29.6589, 7.1563**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.2740, -29.2221, -7.2563**, and **26.1820, -12.9077, -13.3146** is the 20% darker color. If you saturate the color by 10%, you get **66.3510, -32.7110, -8.2008**, and if you desaturate by 10%, it is **69.9690, -26.6067, -6.1118**.

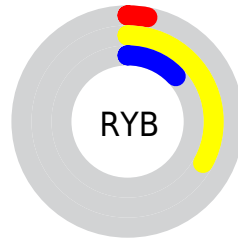
Distribution



Red (24%)

Green (33%)

Blue (3%)



Red (3%)

Yellow (33%)

Blue (13%)

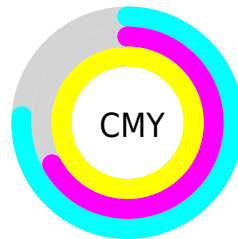


Cyan (29%)

Magenta (0%)

Yellow (90%)

Black (67%)



Cyan (76%)

Magenta (67%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.1600, -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 68.1600, -29.6589, -7.1563 by changing the saturation by 10% instead.

■ 68.1600, -29.6589,
-7.1563

■ 68.1600, -29.6589,
-7.1563

■ 253.8600, -4.3680,
0.9998

■ 46.8700, -23.1069,
-8.6560

■ 118.2740,
-29.2221, -7.2563

■ 26.1820, -12.9077,
-13.3146

■ 144.3450,
-30.2431, -6.4416

■ 9.3920, -4.6303,
-8.2368

■ 171.1170,
-31.1167, -6.2416


■ 0.0000, 0.0000,
0.0000


■ 198.5900,
-31.8429, -6.6564


■ 226.4760,
-32.2797, -6.5565


■ 245.2690,


-28.2336, 2.3951


 250.6680,
-16.5983, 3.7992


 68.1600, -29.6589,
-7.1563


 68.1600, -29.6589,
-7.1563


 66.3510, -32.7110,
-8.2008

 69.9690, -26.6067,
-6.1118

 71.5930, -22.9703,
-5.7821

 73.4020, -19.9182,
-4.7376

 75.3250, -16.4292,
-3.7930

 76.8350, -13.2297,
-3.3633

■ 78.6440, -10.1775,
-2.3188

■ 80.5670, -6.6885,
-1.3743

■ 82.0770, -3.4890,
-0.9445

■ 84.0000, 0.0000,
0.0000

Harmonies

Analogous

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



71.8320, -35.4132, 18.5643



68.1600, -29.6589, -7.1563



56.8030, -8.2839, -49.8162

Triad

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



68.1600, -29.6589, -7.1563



66.9320, 33.0645, -58.6994



73.7260, 2.6001, 52.8603

Complementary

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



68.1600, -29.6589, -7.1563



23.8400, 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.



77.8620, 16.3370, 33.4470



68.1600, -29.6589, -7.1563



63.9630, 39.4582, -56.0956

Square

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



68.1600, -29.6589, -7.1563



66.3160, 20.5502, -58.1591



77.4320, 28.3810, -3.0099



72.8990, -13.2612, 53.5856

Rectangle

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



68.1600, -29.6589, -7.1563



60.5990, 1.1837, -53.1453



77.4320, 28.3810, -3.0099



74.9580, 7.4157, 48.2718

Sweetspot

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



68.1600, -29.6589, -7.1563



103.5900, -11.6299, -3.1484



44.2250, -17.8589, 34.8827



52.1540, -6.9779, -1.8891



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



68.1600, -29.6589, -7.1563



86.9950, -42.8885, -10.5196



57.0970, -24.2048, -29.9031



40.2450, -1.5998, -0.2149



83.1630, -40.9994, -9.7900



183.7250, -90.5764, -21.6838

Inverse Universe

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



23.8400, 29.6589, 7.1563



23.0050, 42.8885, 10.5196



34.9030, 24.2048, 29.9031



37.7550, 1.5998, 0.2149



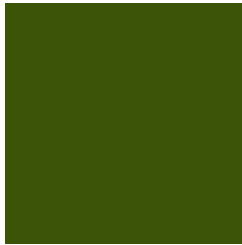
21.8370, 40.9994, 9.7900



48.2750, 90.5764, 21.6838

Previews

White Background



This preview shows how the YUV color 68.1600, -29.6589, -7.1563 looks on a white background.

Color Contrast Check

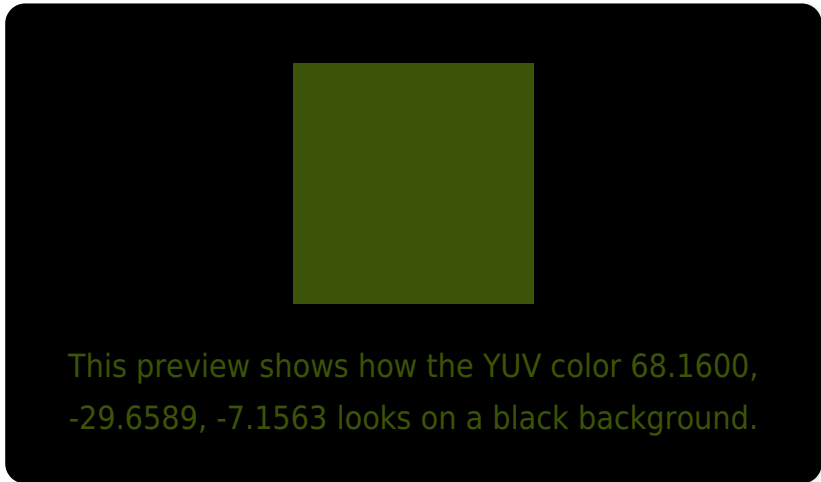
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 68.1600, -29.6589, -7.1563

Background



This preview shows how black text looks on a background with the YUV color 68.1600, -29.6589, -7.1563.



This preview shows how white text looks on a background with the YUV color 68.1600, -29.6589,

-7.1563.

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

68.1600, -29.6589, -7.1563

Protanopia

71.3690, -33.2129, 12.8314

Deuteranopia

73.4930, -27.8510, 19.7386



Tritanopia

75.6940, 4.0949, -6.7476

Trichromacy



Original Color

68.1600, -29.6589, -7.1563

Protanomaly

70.5530, -32.3176, 5.6540

Deuteranomaly

71.6120, -28.4027, 9.9873

Tritanomaly

72.7790, -8.2720, -6.8222

Monochromacy



Original Color

68.1600, -29.6589, -7.1563

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1170, -10.9037, -2.7336

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.1600, -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(60, 84, 8)` looks like.

```
.text, #text, p{  
    color:rgb(60, 84, 8)  
}
```

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(60, 84, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 84, 8) }
```

Border

The CSS property to change the border of an element to YUV 68.1600, -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(60, 84, 8) }
```


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

```
.border{ border-color:rgb(60, 84, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 84, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 84, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 84, 8); box-shadow:4px  
4px 4px 4px rgb(60, 84, 8) }
```

Background

The CSS property to change the background color of an element to YUV 68.1600, -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(60, 84, 8) }
```

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

```
.background{ background-color: rgb(60, 84,  
8) }
```

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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