

Converting Colors

YUV(175.3600, -66.2395,
59.3203)

Have a look what the booklet for
YUV(175.3600, -66.2395, 59.3203)
contains.

YUV(175.3600, -66.2395, 59.3203)	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(175.3600, -66.2395,
59.3203)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A729
RGB	243, 167, 41
RGB Percent	95%, 65%, 16%
CMY	0.0471, 0.3451, 0.8392
CMYK	0.00, 0.31, 0.83, 0.05
HSL	37°, 89%, 56%
HSV	37°, 83%, 95%
XYZ	51.1811, 46.8522, 8.4437
YIQ	175.3600, 85.7420, -23.0740

Conversions

Conversions Part 2

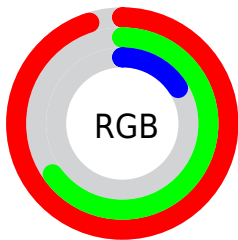
Format	Color
R _Y B	163, 243, 41
Decimal	15968041
CIE Lab	74.10, 18.44, 70.05
CIE LCh	74, 72.435, 75.252
Yxy	46.8522, 0.4807, 0.4400
Android (android.graphics.Color)	4294158121 (0xFF3A729)
YUV	175.3600, -66.2395, 59.3203
Hunter-Lab	68.4487, 13.6845, 40.6002

Details

The YUV color **175.3600, -66.2395, 59.3203** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **108.6400, 66.2395, -59.3203**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.8450, -58.5906, 32.5849**, and **121.6240, -59.9606, 52.0728** is the 20% darker color. If you saturate the color by 10%, you get **167.3410, -74.1181, 66.3529**, and if you desaturate by 10%, it is **183.3790, -58.3608, 52.2876**.

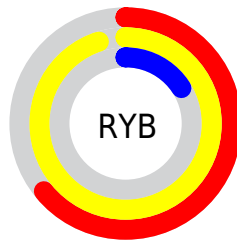
Distribution



Red (95%)

Green (65%)

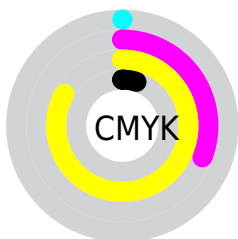
Blue (16%)



Red (64%)

Yellow (95%)

Blue (16%)

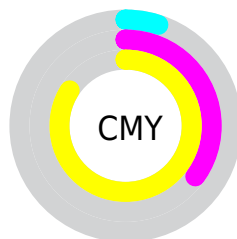


Cyan (0%)

Magenta (31%)

Yellow (83%)

Black (5%)



Cyan (5%)

Magenta (35%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.3600, -66.2395, 59.3203 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 175.3600, -66.2395, 59.3203 by changing the saturation by 10% instead.

175.3600,
-66.2395, 59.3203

175.3600,
-66.2395, 59.3203

255.0000, 0.0000,
0.0000

146.1550,
-72.0544, 57.7461

217.8450,
-58.5906, 32.5849

121.6240,
-59.9606, 52.0728

237.9460,
-55.1894, 14.9564

98.5660, -48.5930,
45.9846

243.4860,
-44.1166, 10.0978

75.8070, -37.3729,
40.5113

246.6780,
-31.8863, 7.2984

54.2220, -26.7314,
34.0083

249.9840,
-19.2191, 4.3990

32.9360, -16.2374,
28.1201

253.2900, -6.5520,

11.9600, -5.8963,

1.4997

24.5911

■ 0.0000, 0.0000,
0.0000

■ 175.3600,
-66.2395, 59.3203

■ 175.3600,
-66.2395, 59.3203

■ 167.3410,
-74.1181, 66.3529

■ 183.3790,
-58.3608, 52.2876

■ 161.8810,
-79.8073, 71.1414

■ 191.5120,
-50.0454, 45.1550

■ 199.5310,
-42.1668, 38.1223

■ 208.1370,
-34.5775, 30.5749

■ 216.1560,
-26.6989, 23.5422

■ 224.2890,
-18.3835, 16.4095

■ 232.3080,
-10.5048, 9.3769

■ 240.3270, -2.6262,
2.3442

■ 247.8900, 3.5052,
-4.2885

Harmonies

Analogous

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



168.6850, -38.7917, 75.6983



175.3600, -66.2395, 59.3203



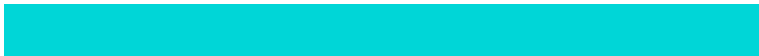
169.7210, -67.4035, 12.5227

Triad

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



175.3600, -66.2395, 59.3203



150.1280, 31.9819, -131.6623



184.7050, 34.6554, 37.9697

Complementary

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



175.3600, -66.2395, 59.3203



108.6400, 66.2395, -59.3203

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.



167.9410, 42.9201, -46.4293



175.3600, -66.2395, 59.3203



152.3400, 50.6114, -133.6022

Square

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



175.3600, -66.2395, 59.3203



141.0880, 2.4216, -123.7342



145.8830, 53.7947, -127.9394



173.2980, 22.0381, 71.6527

Rectangle

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



175.3600, -66.2395, 59.3203



165.2460, -50.4073, -25.6487



145.8830, 53.7947, -127.9394



181.9040, 36.0363, 14.9932

Sweetspot

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



175.3600, -66.2395, 59.3203



233.6160, -21.0097, 18.7538



110.1760, 3.8572, 116.4866



114.7490, -12.6943, 11.6211



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



175.3600, -66.2395, 59.3203



169.5780, -83.6020, 74.9151



212.7960, -84.6954, 5.4409



118.2840, -4.0840, 3.2589



123.7060, -60.9871, 54.6318



39.3600, -19.4045, 17.2243

Inverse Universe

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



108.6400, 66.2395, -59.3203



85.4220, 83.6020, -74.9151



71.2040, 84.6954, -5.4409



114.3030, 3.7946, -3.7737



62.2940, 60.9871, -54.6318



19.6400, 19.4045, -17.2243

Previews

White Background



This preview shows how the YUV color 175.3600, -66.2395, 59.3203 looks on a white 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

Black Background



This preview shows how the YUV color 175.3600, -66.2395, 59.3203 looks on a black 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

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

YUV 175.3600, -66.2395, 59.3203 Background



This preview shows how black text looks on a background with the YUV color 175.3600, -66.2395, 59.3203.



This preview shows how white text looks on a background with the YUV color 175.3600, -66.2395, 59.3203.

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

175.3600, -66.2395, 59.3203

Protanopia

173.8460, -63.5211, 27.3221

Deuteranopia

174.6530, -67.3699, 48.5393



Tritanopia

185.3600, -9.0515, 56.6893

Trichromacy



Original Color

175.3600, -66.2395, 59.3203

Protanomaly

174.3960, -64.2852, 39.1177

Deuteranomaly

175.0880, -67.0914, 52.5428

Tritanomaly

181.5670, -29.8595, 57.3847

Monochromacy



Original Color

175.3600, -66.2395, 59.3203

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.1280, -24.2201, 21.8127

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.3600, -66.2395, 59.3203 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(243, 167, 41)` looks like.

```
.text, #text, p{  
    color:rgb(243, 167, 41)  
}
```

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(243, 167, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 167, 41) }
```

Border

The CSS property to change the border of an element to YUV 175.3600, -66.2395, 59.3203 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(243, 167, 41) }
```


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

```
.border{ border-color:rgb(243, 167, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 167, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 167, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 167, 41);  
box-shadow:4px 4px 4px 4px rgb(243, 167,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 175.3600, -66.2395, 59.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 167, 41) }
```

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

```
.background{ background-color: rgb(243,  
167, 41) }
```

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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