

Converting Colors

YUV(75.5590, 12.0494,
-38.2012)

Have a look what the booklet for
YUV(75.5590, 12.0494, -38.2012)
contains.

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Color

**YUV(75.5590, 12.0494,
-38.2012)**

Conversions

Conversions Part 1

Format	Color
Hex	205D64
RGB	32, 93, 100
RGB Percent	13%, 36%, 39%
CMY	0.8745, 0.6353, 0.6078
CMYK	0.68, 0.07, 0.00, 0.61
HSL	186°, 52%, 26%
HSV	186°, 68%, 39%
XYZ	6.8103, 9.0559, 13.4456
YIQ	75.5590, -38.6030, -10.7550

Conversions

Conversions Part 2

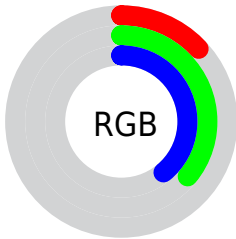
Format	Color
R_{YB}	32, 64, 100
Decimal	2121060
CIE _{Lab}	36.09, -16.86, -9.78
CIE _{LCh}	36, 19.493, 210.120
Yxy	9.0559, 0.2323, 0.3090
Android (android.graphics.Color)	4280311140 (0xFF205D64)
YUV	75.5590, 12.0494, -38.2012
Hunter-Lab	30.0930, -12.2669, -5.4258

Details

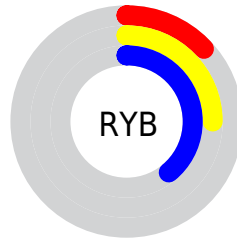
The YUV color **75.5590, 12.0494, -38.2012** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **56.4410, -12.0494, 38.2012**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.4560, 11.6072, -36.3569**, and **33.6310, 9.5489, -29.4944** is the 20% darker color. If you saturate the color by 10%, you get **71.9820, 13.8129, -43.8342**, and if you desaturate by 10%, it is **79.1360, 10.2860, -32.5683**.

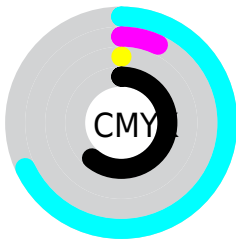
Distribution



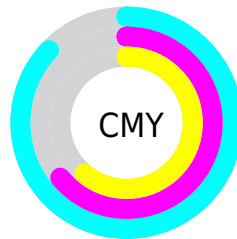
- Red (13%)
- Green (36%)
- Blue (39%)



- Red (13%)
- Yellow (25%)
- Blue (39%)



- Cyan (68%)
- Magenta (7%)
- Yellow (0%)
- Black (61%)



- Cyan (87%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5590, 12.0494, -38.2012 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 75.5590, 12.0494, -38.2012 by changing the saturation by 10% instead.

■ 75.5590, 12.0494,
-38.2012

■ 75.5590, 12.0494,
-38.2012

■ 255.0000, 0.0000,
0.0000

■ 49.1670, 13.2287,
-43.1195

■ 127.4560, 11.6072,
-36.3569

■ 33.6310, 9.5489,
-29.4944

■ 153.4560, 11.6072,
-36.3569

■ 19.4970, 6.1640,
-17.0989

■ 180.5700, 12.0440,
-36.4569

■ 0.7980, 3.0576,
-0.6998

■ 208.5700, 12.0440,
-36.4569

■ 0.0000, 0.0000,
0.0000

■ 236.4730, 9.1338,
-36.3718

■ 245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 75.5590, 12.0494,
-38.2012

■ 75.5590, 12.0494,
-38.2012

■ 71.9820, 13.8129,
-43.8342

■ 79.1360, 10.2860,
-32.5683

■ 68.4050, 15.5763,
-49.4672

■ 82.7130, 8.5225,
-26.9353

■ 64.8280, 17.3398,
-55.1002

■ 86.2900, 6.7590,
-21.3023

■ 64.2300, 17.6346,
-56.3297

■ 89.8670, 4.9956,
-15.6694

■ 93.4440, 3.2321,
-10.0364

■ 97.0210, 1.4686,
-4.4034

■ 100.5980, -0.2948,
1.2296

■ 104.1750, -2.0583,
6.8625

■ 107.7520, -3.8217,
12.4955

Harmonies

Analogous

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



77.0240, 3.4392, -29.8390



75.5590, 12.0494, -38.2012



78.4440, 16.5431, -32.8384

Triad

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



75.5590, 12.0494, -38.2012



87.5210, 6.6451, 15.3291



84.1680, -14.8728, 10.3767

Complementary

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



75.5590, 12.0494, -38.2012



56.4410, -12.0494, 38.2012

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.



85.2770, -13.4476, 19.9281



75.5590, 12.0494, -38.2012



86.6270, -0.8021, 24.0061

Square

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



75.5590, 12.0494, -38.2012



86.3280, 12.6563, 0.5893



85.8030, -7.7909, 25.6058



82.3620, -12.5035, -2.9485

Rectangle

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



75.5590, 12.0494, -38.2012



81.5100, 16.5106, -22.3723



85.8030, -7.7909, 25.6058



84.1900, -14.8837, 13.8654

Sweetspot

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



75.5590, 12.0494, -38.2012



120.4650, 4.7008, -14.4398



72.7140, -16.6210, -35.7062



60.6290, 2.6479, -9.3216



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



75.5590, 12.0494, -38.2012



91.5500, 18.9559, -60.1183



55.6010, 21.8887, -20.6981



48.9180, 1.0264, -2.5591



73.5710, 20.4245, -64.5218



154.9670, 42.9073, -135.9061

Inverse Universe

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



59.2860, 16.6210, 35.7062



65.9370, 26.1601, 56.1833



76.3990, -21.8887, 20.6981



47.9510, 1.0102, 2.6740



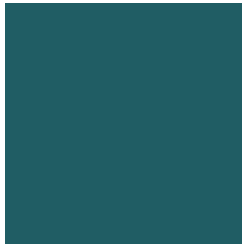
46.1270, 28.0384, 60.4016



97.0960, 59.1127, 127.0808

Previews

White Background



This preview shows how the YUV color 75.5590, 12.0494, -38.2012 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 75.5590, 12.0494, -38.2012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

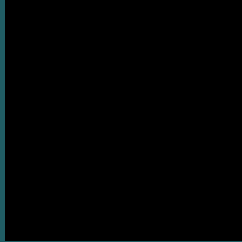
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.5590, 12.0494, -38.2012

Background



This preview shows how black text looks on a background with the YUV color 75.5590, 12.0494, -38.2012.



This preview shows how white text looks on a background with the YUV color 75.5590, 12.0494,

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

75.5590, 12.0494, -38.2012

Protanopia

84.8410, 4.5154, -1.6146

Deuteranopia

85.4650, 8.1518, -1.2848



Tritanopia

75.5590, 12.0494, -38.2012

Trichromacy



Original Color

75.5590, 12.0494, -38.2012

Protanomaly

81.1490, 7.3215, -15.0397

Deuteranomaly

82.0180, 9.3581, -14.9248

Tritanomaly

75.5590, 12.0494, -38.2012

Monochromacy



Original Color

75.5590, 12.0494, -38.2012

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7640, 4.5533, -13.8250

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5590, 12.0494, -38.2012 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(32, 93, 100)` looks like.

```
.text, #text, p{  
    color:rgb(32, 93, 100)  
}
```

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(32, 93, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 93, 100) }
```

Border

The CSS property to change the border of an element to YUV 75.5590, 12.0494, -38.2012 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(32, 93, 100) }
```


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

```
.border{ border-color:rgb(32, 93, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 93, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 93, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 93, 100);  
box-shadow:4px 4px 4px 4px rgb(32, 93,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 75.5590, 12.0494, -38.2012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 93, 100) }
```

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

```
.background{ background-color: rgb(32, 93,  
100) }
```

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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