

Converting Colors

YUV(71.1390, 12.7495, 17.4181)

Have a look what the booklet for
YUV(71.1390, 12.7495, 17.4181)
contains.

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Color

**YUV(71.1390, 12.7495,
17.4181)**

Conversions

Conversions Part 1

Format	Color
Hex	5B3861
RGB	91, 56, 97
RGB Percent	36%, 22%, 38%
CMY	0.6431, 0.7804, 0.6196
CMYK	0.06, 0.42, 0.00, 0.62
HSL	291°, 27%, 30%
HSV	291°, 42%, 38%
XYZ	7.8862, 5.9156, 12.0354
YIQ	71.1390, 7.6990, 20.1710

Conversions

Conversions Part 2

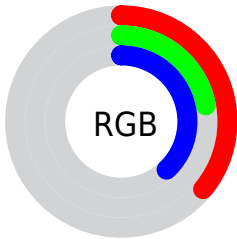
Format	Color
R_YB	91, 56, 97
Decimal	5978209
CIE _{Lab}	29.20, 23.26, -18.06
CIE _{LCh}	29, 29.444, 322.178
Yxy	5.9156, 0.3052, 0.2290
Android (android.graphics.Color)	4284168289 (0xFF5B3861)
YUV	71.1390, 12.7495, 17.4181
Hunter-Lab	24.3219, 15.3141, -12.3136

Details

The YUV color **71.1390, 12.7495, 17.4181** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **81.8610, -12.7495, -17.4181**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.3780, 13.6176, 18.9625**, and **25.9000, 11.8813, 15.8737** is the 20% darker color. If you saturate the color by 10%, you get **64.9700, 15.7908, 21.9513**, and if you desaturate by 10%, it is **77.3080, 9.7082, 12.8849**.

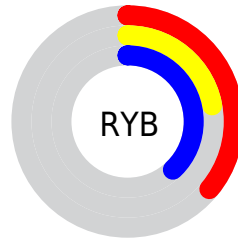
Distribution



Red (36%)

Green (22%)

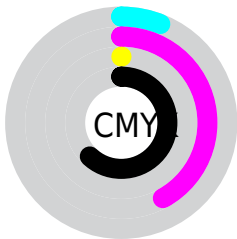
Blue (38%)



Red (36%)

Yellow (22%)

Blue (38%)

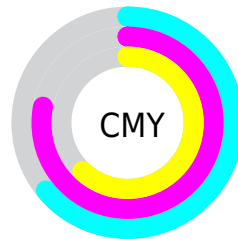


Cyan (6%)

Magenta (42%)

Yellow (0%)

Black (62%)



Cyan (64%)

Magenta (78%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.1390, 12.7495, 17.4181 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 71.1390, 12.7495, 17.4181 by changing the saturation by 10% instead.

■ 71.1390, 12.7495,
17.4181

■ 71.1390, 12.7495,
17.4181

■ 255.0000, 0.0000,
0.0000

■ 48.3130, 12.1707,
16.3885

■ 120.3780, 13.6176,
18.9625

■ 25.9000, 11.8813,
15.8737

■ 146.0900, 13.7596,
20.0921

■ 10.8950, 9.4188,
12.3701

■ 172.6170, 14.4858,
20.5069

■ 0.0000, 0.0000,
0.0000

■ 200.0300, 14.7752,
21.0217

■ 227.9870, 13.3174,
21.9364

■ 245.6080, 4.6303,

8.2368

■ 71.1390, 12.7495,
17.4181

■ 71.1390, 12.7495,
17.4181

■ 64.9700, 15.7908,
21.9513

■ 77.3080, 9.7082,
12.8849

■ 59.0890, 18.6901,
25.3549

■ 83.1890, 6.8088,
9.4812

■ 52.9200, 21.7314,
29.8882

■ 89.3580, 3.7675,
4.9480

■ 46.4520, 24.9202,
33.8066

■ 95.8260, 0.5788,
1.0296

■ 40.2830, 27.9615,
38.3398

■ 101.4080, -2.1731,
-2.9888

■ 35.8750, 30.1346,
41.3286

■ 107.8760, -5.3619,
-6.9073

■ 114.0450, -8.4032,
-11.4405

■ 120.2140,
-11.4445, -15.9737

■ 126.0950,
-14.3438, -19.3773

Harmonies

Analogous

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



68.7490, 20.8297, -7.6729



71.1390, 12.7495, 17.4181



69.7190, 3.0965, 33.5724

Triad

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



71.1390, 12.7495, 17.4181



67.2630, -22.3147, 17.3093



56.6500, 13.9766, -49.6820

Complementary

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



71.1390, 12.7495, 17.4181



81.8610, -12.7495, -17.4181

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.



54.0280, 3.9302, -47.3826



71.1390, 12.7495, 17.4181



65.0220, -20.2238, -0.0193

Square

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



71.1390, 12.7495, 17.4181



68.0180, -17.2639, 30.6792



60.8220, -10.2652, -20.8919



57.6420, 22.8545, -50.5520

Rectangle

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



71.1390, 12.7495, 17.4181



68.7920, -4.3345, 37.0164



60.8220, -10.2652, -20.8919



55.8520, 10.9190, -48.9822

Sweetspot

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



71.1390, 12.7495, 17.4181



115.0100, 4.9251, 7.0072



64.1960, 16.1724, -7.1879



57.5320, 3.1887, 3.9184



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



71.1390, 12.7495, 17.4181



84.7410, 19.8477, 27.4141



71.3370, 5.7499, 22.5065



45.6520, 1.1576, 2.0592



41.4720, 34.7703, 47.8211



88.6550, 74.6131, 102.0346

Inverse Universe

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



68.9430, -3.4229, 24.6060



81.2760, -5.0661, 38.3459



81.6630, -5.7499, -22.5065



45.1960, -0.5896, 2.4591



35.3120, -9.5208, 67.2554



75.7500, -20.0897, 144.0472

Previews

White Background



This preview shows how the YUV color 71.1390, 12.7495, 17.4181 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 71.1390, 12.7495, 17.4181 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 71.1390, 12.7495, 17.4181 Background



This preview shows how black text looks on a background with the YUV color 71.1390, 12.7495, 17.4181.



This preview shows how white text looks on a background with the YUV color 71.1390, 12.7495,

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

71.1390, 12.7495, 17.4181

Protanopia

68.5590, 18.9514, -11.8912

Deuteranopia

68.9850, 12.8254, -7.0028



Tritanopia

70.6320, -1.7906, 14.3547

Trichromacy



Original Color

71.1390, 12.7495, 17.4181

Protanomaly

69.6420, 16.4455, -1.4400

Deuteranomaly

70.0400, 12.7983, 1.7189

Tritanomaly

70.4240, 3.7350, 15.4142

Monochromacy



Original Color

71.1390, 12.7495, 17.4181

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1840, 4.3463, 5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.1390, 12.7495, 17.4181 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(91, 56, 97)` looks like.

```
.text, #text, p{  
    color:rgb(91, 56, 97)  
}
```

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(91, 56, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 56, 97) }
```

Border

The CSS property to change the border of an element to YUV 71.1390, 12.7495, 17.4181 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(91, 56, 97) }
```


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

```
.border{ border-color:rgb(91, 56, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 56, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 56, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 56, 97);  
box-shadow:4px 4px 4px 4px rgb(91, 56, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.1390, 12.7495, 17.4181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 56, 97) }
```

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

```
.background{ background-color: rgb(91, 56,  
97) }
```

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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