

Converting Colors

YUV(89.5020, 12.0775, -0.4403)

Have a look what the booklet for
YUV(89.5020, 12.0775, -0.4403)
contains.

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Color

**YUV(89.5020, 12.0775,
-0.4403)**

Conversions

Conversions Part 1

Format	Color
Hex	595572
RGB	89, 85, 114
RGB Percent	35%, 33%, 45%
CMY	0.6510, 0.6667, 0.5529
CMYK	0.22, 0.25, 0.00, 0.55
HSL	248°, 15%, 39%
HSV	248°, 25%, 45%
XYZ	10.4056, 9.8358, 17.2696
YIQ	89.5020, -6.9250, 9.8670

Conversions

Conversions Part 2

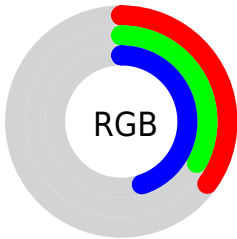
Format	Color
R_{YB}	89, 85, 114
Decimal	5854578
CIE _{Lab}	37.55, 8.39, -15.94
CIE _{LCh}	38, 18.013, 297.760
Yxy	9.8358, 0.2774, 0.2622
Android (android.graphics.Color)	4284044658 (0xFF595572)
YUV	89.5020, 12.0775, -0.4403
Hunter-Lab	31.3620, 4.3409, -10.6949

Details

The YUV color $[89.5020, 12.0775, -0.4403]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[109.4980, -12.0775, 0.4403]$, and the grayscale version is $[89.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[139.7300, 12.9511, -0.6402]$, and $[43.8610, 10.9145, -0.7551]$ is the 20% darker color. If you saturate the color by 10%, you get $[80.0550, 16.7349, -0.9252]$, and if you desaturate by 10%, it is $[98.9490, 7.4201, 0.0447]$.

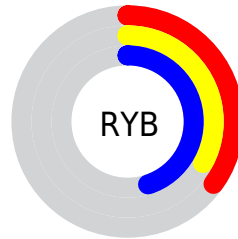
Distribution



Red (35%)

Green (33%)

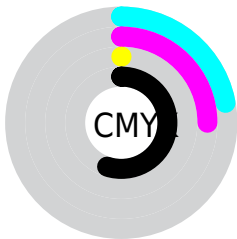
Blue (45%)



Red (35%)

Yellow (33%)

Blue (45%)

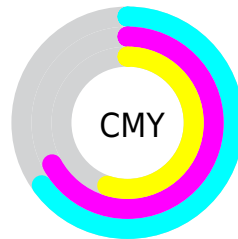


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (55%)



Cyan (65%)

Magenta (67%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5020, 12.0775, -0.4403 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 89.5020, 12.0775, -0.4403 by changing the saturation by 10% instead.

■ 89.5020, 12.0775,
-0.4403

■ 89.5020, 12.0775,
-0.4403

■ 255.0000, 0.0000,
0.0000

■ 65.9750, 11.3513,
-0.8551

■ 139.7300, 12.9511,
-0.6402

■ 43.8610, 10.9145,
-0.7551

■ 166.1430, 13.2405,
-0.1254

■ 23.0350, 10.3357,
-1.7847

■ 193.2570, 13.6773,
-0.2254

■ 3.2090, 9.7570,
-2.8143

■ 220.7840, 14.4035,
0.1894

■ 0.0000, 0.0000,
0.0000

■ 247.0480, 3.9203,
2.5889

■ 89.5020, 12.0775,
-0.4403

■ 89.5020, 12.0775,
-0.4403

■ 80.0550, 16.7349,
-0.9252

■ 98.9490, 7.4201,
0.0447

■ 70.0210, 21.6816,
-0.8954

■ 108.9830, 2.4734,
0.0149

■ 60.8730, 26.1916,
-0.7656

■ 118.1310, -2.0366,
-0.1149

■ 50.8390, 31.1384,
-0.7358

■ 128.1650, -6.9833,
-0.1447

■ 41.3920, 35.7957,
-1.2208

■ 137.6120,
-11.6407, 0.3403

■ 31.9450, 40.4531,
-1.7058

■ 147.0590,
-16.2981, 0.8253

■ 21.9110, 45.3999,
-1.6759

■ 157.0930,
-21.2448, 0.7954

■ 17.7800, 47.4365,

■ 166.5400,

-1.5611

-25.9022, 1.2804

■ 176.2750,
-30.7016, 0.6358

Harmonies

Analogous

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



86.5000, 15.0365, -16.2245



89.5020, 12.0775, -0.4403



90.5100, 6.6506, 13.5847

Triad

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



89.5020, 12.0775, -0.4403



88.6190, -12.1372, 19.6281



81.8180, 2.5547, -26.1504

Complementary

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



89.5020, 12.0775, -0.4403



109.4980, -12.0775, 0.4403

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.



84.3050, -6.0664, -14.2995



89.5020, 12.0775, -0.4403



87.6950, -14.1466, 10.7915

Square

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



89.5020, 12.0775, -0.4403



89.4330, -6.6225, 24.1763



86.1880, -11.9247, -1.9189



80.7230, 9.9966, -33.0831

Rectangle

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



89.5020, 12.0775, -0.4403



90.4030, 2.2663, 19.8176



86.1880, -11.9247, -1.9189



82.7430, -0.3663, -22.5766

Sweetspot

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



89.5020, 12.0775, -0.4403



137.9660, 4.9468, 0.0298



102.9810, 5.4324, -15.7693



68.0970, 2.9102, -0.0851



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



89.5020, 12.0775, -0.4403



109.0380, 19.2083, -0.9103



93.6880, 10.0138, 8.1666



50.9830, 2.4734, 0.0149



18.7630, 49.9098, -1.5462



38.3240, 102.8773, -3.7921

Inverse Universe

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



96.5210, 6.6451, 15.3291



120.3140, 10.6912, 24.2806



105.3120, -10.0138, -8.1666



52.3640, 1.2995, 3.1888



47.6220, 27.3014, 63.4755



98.1350, 56.6284, 130.5546

Previews

White Background



This preview shows how the YUV color 89.5020, 12.0775, -0.4403 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 89.5020, 12.0775, -0.4403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

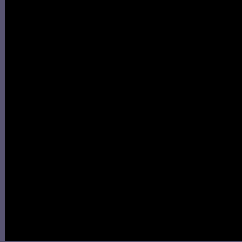
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5020, 12.0775, -0.4403

Background



This preview shows how black text looks on a background with the YUV color 89.5020, 12.0775, -0.4403.



This preview shows how white text looks on a background with the YUV color 89.5020, 12.0775,

-0.4403.

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

89.5020, 12.0775, -0.4403

Protanopia

88.5120, 13.5516, -6.5880

Deuteranopia

89.1810, 12.2358, -4.5437



Tritanopia

88.2000, 3.3524, -1.9294

Trichromacy



Original Color

89.5020, 12.0775, -0.4403

Protanomaly

88.7080, 12.9620, -4.1289

Deuteranomaly

89.1920, 12.2303, -2.7994

Tritanomaly

88.7100, 6.5520, -1.4997

Monochromacy



Original Color

89.5020, 12.0775, -0.4403

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8520, 4.5100, 0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5020, 12.0775, -0.4403 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(89, 85, 114)` looks like.

```
.text, #text, p{  
    color:rgb(89, 85, 114)  
}
```

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(89, 85, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 85, 114) }
```

Border

The CSS property to change the border of an element to YUV 89.5020, 12.0775, -0.4403 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(89, 85, 114) }
```


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

```
.border{ border-color:rgb(89, 85, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 85, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 85, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 85, 114);  
box-shadow:4px 4px 4px 4px rgb(89, 85,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 89.5020, 12.0775, -0.4403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 85, 114) }
```

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

```
.background{ background-color: rgb(89, 85,  
114) }
```

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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