

Converting Colors

YUV(89.3920, 12.1317,
-17.8838)

Have a look what the booklet for
YUV(89.3920, 12.1317, -17.8838)
contains.

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Color

**YUV(89.3920, 12.1317,
-17.8838)**

Conversions

Conversions Part 1

Format	Color
Hex	455F72
RGB	69, 95, 114
RGB Percent	27%, 37%, 45%
CMY	0.7294, 0.6275, 0.5529
CMYK	0.39, 0.17, 0.00, 0.55
HSL	205°, 25%, 36%
HSV	205°, 39%, 45%
XYZ	9.5837, 10.6645, 17.4729
YIQ	89.3920, -21.5950, 0.3970

Conversions

Conversions Part 2

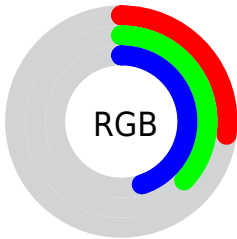
Format	Color
R_{YB}	69, 85, 114
Decimal	4546418
CIE _{Lab}	39.01, -4.39, -13.84
CIE _{LCh}	39, 14.519, 252.402
Yxy	10.6645, 0.2541, 0.2827
Android (android.graphics.Color)	4282736498 (0xFF455F72)
YUV	89.3920, 12.1317, -17.8838
Hunter-Lab	32.6566, -4.7647, -8.8635

Details

The YUV color **89.3920, 12.1317, -17.8838** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **93.6080, -12.1317, 17.8838**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6200, 13.0053, -18.0837**, and **42.5660, 11.5530, -18.9134** is the 20% darker color. If you saturate the color by 10%, you get **83.1680, 15.2002, -22.0723**, and if you desaturate by 10%, it is **95.6160, 9.0633, -13.6952**.

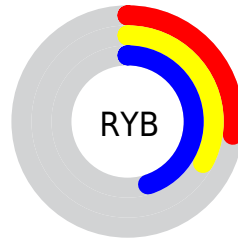
Distribution



Red (27%)

Green (37%)

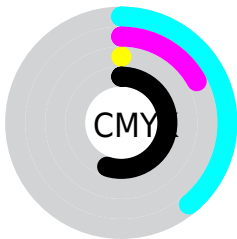
Blue (45%)



Red (27%)

Yellow (33%)

Blue (45%)

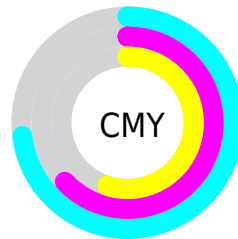


Cyan (39%)

Magenta (17%)

Yellow (0%)

Black (55%)



Cyan (73%)

Magenta (63%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3920, 12.1317, -17.8838 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 89.3920, 12.1317, -17.8838 by changing the saturation by 10% instead.

■ 89.3920, 12.1317,
-17.8838

■ 89.3920, 12.1317,
-17.8838

■ 255.0000, 0.0000,
0.0000

■ 65.2780, 11.6949,
-17.7838

■ 139.6200, 13.0053,
-18.0837

■ 42.5660, 11.5530,
-18.9134

■ 166.3210, 13.1527,
-18.6985

■ 21.4520, 11.1162,
-18.8134

■ 193.4350, 13.5895,
-18.7985

■ 3.3230, 10.1938,
-2.9143

■ 221.5490, 14.0263,
-18.8985

■ 0.0000, 0.0000,
0.0000

■ 246.9270, 3.9800,
-16.5990

■ 89.3920, 12.1317,
-17.8838

■ 89.3920, 12.1317,
-17.8838

■ 83.1680, 15.2002,
-22.0723

■ 95.6160, 9.0633,
-13.6952

■ 76.6450, 18.4160,
-26.8757

■ 102.1390, 5.8475,
-8.8919

■ 71.0080, 21.1951,
-31.5790

■ 107.7760, 3.0684,
-4.1886

■ 64.4850, 24.4109,
-36.3823

■ 114.2990, -0.1474,
0.6148

■ 58.2610, 27.4793,
-40.5709

■ 120.5230, -3.2158,
4.8033

■ 52.0370, 30.5478,
-44.7594

■ 126.7470, -6.2843,
8.9919

■ 51.7380, 30.6952,
-45.3742

■ 133.2700, -9.5001,
13.7952

■ 139.4940,

-12.5685, 17.9838

■ 145.4300,
-15.4950, 23.3019

Harmonies

Analogous

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



87.3650, 9.6801, -24.8761



89.3920, 12.1317, -17.8838



91.6430, 11.5150, -6.7029

Triad

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



89.3920, 12.1317, -17.8838



93.3230, -3.1172, 19.8877



89.3060, -7.5459, -6.4074

Complementary

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



89.3920, 12.1317, -17.8838



93.6080, -12.1317, 17.8838

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.



91.1610, -10.9254, 4.2438



89.3920, 12.1317, -17.8838



92.6450, -8.2060, 18.7283

Square

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



89.3920, 12.1317, -17.8838



93.7830, 2.5720, 15.0993



92.2160, -10.9525, 12.9656



87.7330, -1.8404, -16.4288

Rectangle

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



89.3920, 12.1317, -17.8838



93.4160, 9.1619, 1.3892



92.2160, -10.9525, 12.9656



89.9860, -8.8671, -2.6187

Sweetspot

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



89.3920, 12.1317, -17.8838



137.9220, 4.9685, -6.9476



97.5810, -4.7234, -25.0655



68.6620, 2.6316, -4.0886



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.



89.3920, 12.1317, -17.8838



110.0470, 18.7108, -28.1052



76.4780, 18.4983, -6.5582



53.0320, 1.4632, -2.6591



54.1830, 32.4478, -47.5185



112.0990, 66.5062, -98.3108

Inverse Universe

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



85.4190, 4.7234, 25.0655



103.6040, 7.5902, 38.9353



106.5220, -18.4983, 6.5582



52.2500, 0.8628, 3.2888



43.7460, 12.4502, 66.8748



90.1550, 26.0526, 137.5531

Previews

White Background



This preview shows how the YUV color 89.3920, 12.1317, -17.8838 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 × Fail

Black Background



This preview shows how the YUV color 89.3920, 12.1317, -17.8838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

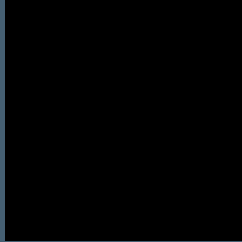
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

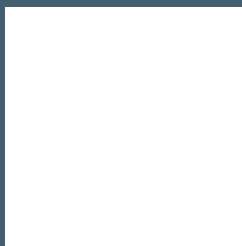
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 89.3920, 12.1317, -17.8838

Background



This preview shows how black text looks on a background with the YUV color 89.3920, 12.1317, -17.8838.

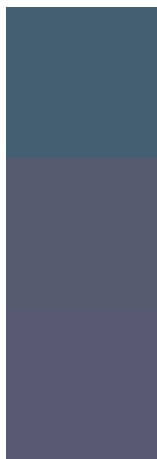


This preview shows how white text looks on a background with the YUV color 89.3920, 12.1317,

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

89.3920, 12.1317, -17.8838

Protanopia

92.0840, 9.3256, -4.4587

Deuteranopia

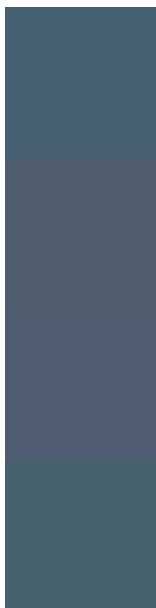
92.2520, 11.2148, -3.7290



Tritanopia

88.5290, 7.6272, -19.7579

Trichromacy



Original Color

89.3920, 12.1317, -17.8838

Protanomaly

90.6920, 10.5048, -9.3769

Deuteranomaly

91.3330, 11.6678, -9.0620

Tritanomaly

88.6970, 9.5164, -19.0283

Monochromacy



Original Color

89.3920, 12.1317, -17.8838

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1070, 4.3842, -6.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3920, 12.1317, -17.8838 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(69, 95, 114)` looks like.

```
.text, #text, p{  
    color:rgb(69, 95, 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(69, 95, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 95, 114) }
```

Border

The CSS property to change the border of an element to YUV 89.3920, 12.1317, -17.8838 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(69, 95, 114) }
```


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

```
.border{ border-color:rgb(69, 95, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 95, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 95, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 95, 114);  
box-shadow:4px 4px 4px 4px rgb(69, 95,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 89.3920, 12.1317, -17.8838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 95, 114) }
```

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

```
.background{ background-color: rgb(69, 95,  
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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