

Converting Colors

YUV(89.7670, 13.4259,
-12.9507)

Have a look what the booklet for
YUV(89.7670, 13.4259, -12.9507)
contains.

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Color

**YUV(89.7670, 13.4259,
-12.9507)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5C75
RGB	75, 92, 117
RGB Percent	29%, 36%, 46%
CMY	0.7059, 0.6392, 0.5412
CMYK	0.36, 0.21, 0.00, 0.54
HSL	216°, 22%, 38%
HSV	216°, 36%, 46%
XYZ	9.9397, 10.4345, 18.3198
YIQ	89.7670, -18.1570, 4.1710

Conversions

Conversions Part 2

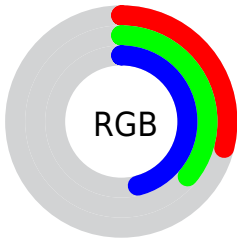
Format	Color
R_{YB}	75, 87, 117
Decimal	4938869
CIE Lab	38.61, 0.17, -16.25
CIE LCh	39, 16.256, 270.613
Yxy	10.4345, 0.2569, 0.2697
Android (android.graphics.Color)	4283128949 (0xFF4B5C75)
YUV	89.7670, 13.4259, -12.9507
Hunter-Lab	32.3025, -1.6037, -11.0136

Details

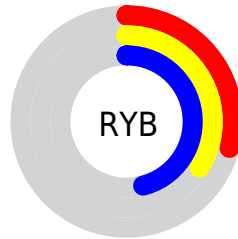
The YUV color **89.7670, 13.4259, -12.9507** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102.2330, -13.4259, 12.9507**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9950, 14.2995, -13.1506**, and **43.2400, 12.6997, -13.3655** is the 20% darker color. If you saturate the color by 10%, you get **82.0700, 17.2205, -16.7244**, and if you desaturate by 10%, it is **97.4640, 9.6312, -9.1769**.

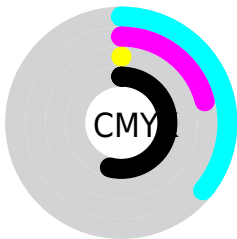
Distribution



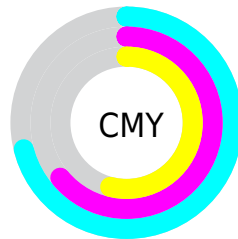
- Red (29%)
- Green (36%)
- Blue (46%)



- Red (29%)
- Yellow (34%)
- Blue (46%)



- Cyan (36%)
- Magenta (21%)
- Yellow (0%)
- Black (54%)



- Cyan (71%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7670, 13.4259, -12.9507 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 89.7670, 13.4259, -12.9507 by changing the saturation by 10% instead.

■ 89.7670, 13.4259,
-12.9507

■ 89.7670, 13.4259,
-12.9507

■ 255.0000, 0.0000,
0.0000

■ 66.2400, 12.6997,
-13.3655

■ 139.9950, 14.2995,
-13.1506

■ 43.2400, 12.6997,
-13.3655

■ 166.1090, 14.7363,
-13.2506

■ 21.7020, 11.9789,
-15.5247

■ 193.8100, 14.8837,
-13.8654

■ 3.5510, 11.0674,
-3.1142

■ 221.9240, 15.3205,
-13.9653

■ 0.0000, 0.0000,
0.0000

■ 247.2590, 3.8163,
-10.7511

■ 89.7670, 13.4259,
-12.9507

■ 89.7670, 13.4259,
-12.9507

■ 82.0700, 17.2205,
-16.7244

■ 97.4640, 9.6312,
-9.1769

■ 74.6720, 20.8677,
-19.8833

■ 104.8620, 5.9840,
-6.0180

■ 66.9750, 24.6623,
-23.6571

■ 112.5590, 2.1894,
-2.2442

■ 59.2780, 28.4569,
-27.4308

■ 120.2560, -1.6052,
1.5295

■ 51.8800, 32.1042,
-30.5898

■ 127.6540, -5.2524,
4.6884

■ 44.1830, 35.8988,
-34.3635


■ 135.3510, -9.0470,
8.4622

■ 40.9270, 37.5040,
-35.8930

■ 143.0480,
-12.8417, 12.2359

■ 150.7450,

-16.6363, 16.0096

 158.1430,
-20.2835, 19.1686

Harmonies

Analogous

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



86.8750, 12.8796, -24.4464



89.7670, 13.4259, -12.9507



91.8720, 10.9091, 0.9893

Triad

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



89.7670, 13.4259, -12.9507



92.0090, -6.9064, 21.9171



87.0600, -4.4666, -14.0846

Complementary

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



89.7670, 13.4259, -12.9507



102.2330, -13.4259, 12.9507

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.



88.6440, -10.1775, -2.3188



89.7670, 13.4259, -12.9507



91.4230, -11.5475, 17.1690

Square

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



89.7670, 13.4259, -12.9507



92.6050, -0.7913, 20.5174



90.1400, -12.3940, 8.6472



85.2420, 2.8387, -23.8912

Rectangle

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



89.7670, 13.4259, -12.9507



93.3030, 7.2456, 9.3813



90.1400, -12.3940, 8.6472



87.5120, -6.6614, -10.0960

Sweetspot

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



89.7670, 13.4259, -12.9507



142.0470, 5.3998, -5.3032



102.5040, -1.2345, -24.1210



70.4880, 3.2104, -3.0590



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



89.7670, 13.4259, -12.9507



110.3730, 21.0151, -20.4981



80.9840, 17.7559, -1.7400



54.8580, 2.0420, -1.6295



43.2580, 38.8198, -37.9373



87.7870, 79.9710, -76.9892

Inverse Universe

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



89.4960, 1.2345, 24.1210



109.8120, 2.0647, 37.8759



111.3150, -17.9033, 2.3547



55.0220, -0.0108, 3.4887



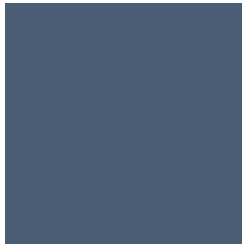
42.1780, 3.8562, 70.0039



86.2640, 7.2648, 143.5965

Previews

White Background



This preview shows how the YUV color 89.7670, 13.4259, -12.9507 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 89.7670, 13.4259, -12.9507 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

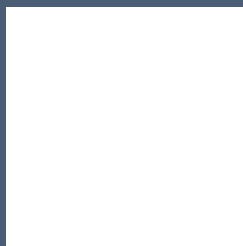
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 89.7670, 13.4259, -12.9507

Background



This preview shows how black text looks on a background with the YUV color 89.7670, 13.4259, -12.9507.



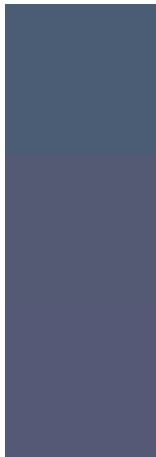
This preview shows how white text looks on a background with the YUV color 89.7670, 13.4259, -12.9507.

-12.9507.

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

89.7670, 13.4259, -12.9507

Protanopia

91.0560, 11.8044, -6.1881

Deuteranopia

91.1100, 13.2568, -5.3585



Tritanopia

88.6220, 6.5954, -15.4545

Trichromacy



Original Color

89.7670, 13.4259, -12.9507

Protanomaly

90.8600, 12.3940, -8.6472

Deuteranomaly

90.5010, 13.5570, -8.3324

Tritanomaly

88.9040, 8.9213, -14.8248

Monochromacy



Original Color

89.7670, 13.4259, -12.9507

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2320, 4.8156, -4.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7670, 13.4259, -12.9507 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(75, 92, 117)` looks like.

```
.text, #text, p{  
    color:rgb(75, 92, 117)  
}
```

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(75, 92, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 92, 117) }
```

Border

The CSS property to change the border of an element to YUV 89.7670, 13.4259, -12.9507 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(75, 92, 117) }
```


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

```
.border{ border-color:rgb(75, 92, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 92, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 92, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 92, 117);  
box-shadow:4px 4px 4px 4px rgb(75, 92,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 89.7670, 13.4259, -12.9507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 92, 117) }
```

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

```
.background{ background-color: rgb(75, 92,  
117) }
```

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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