

Converting Colors

YUV(87.9560, 16.7837,
-16.6244)

Have a look what the booklet for
YUV(87.9560, 16.7837, -16.6244)
contains.

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Color

**YUV(87.9560, 16.7837,
-16.6244)**

Conversions

Conversions Part 1

Format	Color
Hex	455B7A
RGB	69, 91, 122
RGB Percent	27%, 36%, 48%
CMY	0.7294, 0.6431, 0.5216
CMYK	0.43, 0.25, 0.00, 0.52
HSL	215°, 28%, 37%
HSV	215°, 43%, 48%
XYZ	9.7082, 10.1525, 19.8603
YIQ	87.9560, -23.0630, 4.9770

Conversions

Conversions Part 2

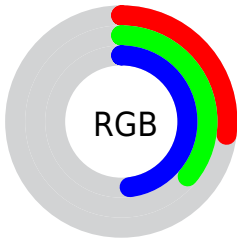
Format	Color
R _{YB}	69, 85, 122
Decimal	4545402
CIE Lab	38.11, 0.47, -20.12
CIE LCh	38, 20.128, 271.339
Yxy	10.1525, 0.2444, 0.2556
Android (android.graphics.Color)	4282735482 (0xFF455B7A)
YUV	87.9560, 16.7837, -16.6244
Hunter-Lab	31.8630, -1.3740, -14.6515

Details

The YUV color $87.9560, 16.7837, -16.6244$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $103.0440, -16.7837, 16.6244$, and the grayscale version is $88.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $138.5970, 17.9467, -16.3096$, and $41.0050, 15.7735, -19.2984$ is the 20% darker color. If you saturate the color by 10%, you get $80.2590, 20.5783, -20.3981$, and if you desaturate by 10%, it is $95.6530, 12.9891, -12.8507$.

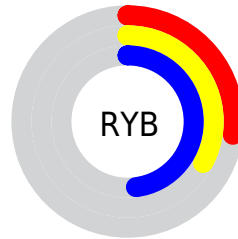
Distribution



Red (27%)

Green (36%)

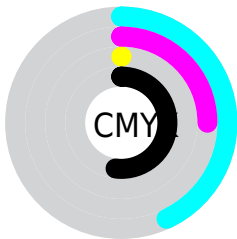
Blue (48%)



Red (27%)

Yellow (33%)

Blue (48%)

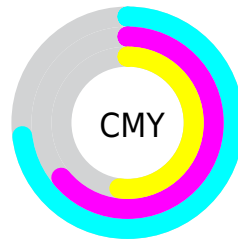


Cyan (43%)

Magenta (25%)

Yellow (0%)

Black (52%)



Cyan (73%)

Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.9560, 16.7837, -16.6244 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 87.9560, 16.7837, -16.6244 by changing the saturation by 10% instead.

■ 87.9560, 16.7837,
-16.6244

■ 87.9560, 16.7837,
-16.6244

255.0000, 0.0000,
0.0000

■ 64.4290, 16.0575,
-17.0392

■ 138.5970, 17.9467,
-16.3096

■ 41.0050, 15.7735,
-19.2984

■ 164.7110, 18.3835,
-16.4095

■ 20.3750, 14.6051,
-17.8689

■ 191.8250, 18.8203,
-16.5095

■ 4.5940, 12.5252,
-4.0289

■ 219.4830, 17.5099,
-16.2096

■ 0.0000, 0.0000,
0.0000

■ 244.8780, 4.9901,
-13.9250

■ 87.9560, 16.7837,
-16.6244

■ 87.9560, 16.7837,
-16.6244

■ 80.2590, 20.5783,
-20.3981

■ 95.6530, 12.9891,
-12.8507

■ 72.5620, 24.3729,
-24.1719

■ 103.3500, 9.1945,
-9.0769

■ 64.5660, 28.3150,
-28.5604

■ 111.3460, 5.2524,
-4.6884

■ 56.2820, 32.3990,
-31.8193

■ 119.6300, 1.1684,
-1.4295

■ 48.5850, 36.1936,
-35.5930

■ 127.3270, -2.6262,
2.3442


■ 43.8450, 38.5304,
-38.4521

■ 135.0240, -6.4208,
6.1180

■ 142.7210,
-10.2155, 9.8917

■ 150.7170,

-14.1575, 14.2802

 158.4140,
-17.9521, 18.0539

Harmonies

Analogous

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



83.2590, 17.1273, -33.5531



87.9560, 16.7837, -16.6244



91.0400, 12.7983, 1.7189

Triad

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



87.9560, 16.7837, -16.6244



90.9880, -8.3751, 26.3205



84.5110, -5.1819, -17.9881

Complementary

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



87.9560, 16.7837, -16.6244



103.0440, -16.7837, 16.6244

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.



86.9490, -12.7929, -3.4633



87.9560, 16.7837, -16.6244



89.8750, -13.7424, 21.1576

Square

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



87.9560, 16.7837, -16.6244



91.6380, -0.8075, 25.7505



88.6410, -15.5990, 9.9618



81.8280, 4.0288, -32.2982

Rectangle

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



87.9560, 16.7837, -16.6244



92.3680, 8.6926, 11.9553



88.6410, -15.5990, 9.9618



85.1480, -7.9610, -13.2848

Sweetspot

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



87.9560, 16.7837, -16.6244



144.9760, 6.4208, -6.1180



103.6450, -1.7970, -30.3837



71.0040, 3.9420, -4.3885



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



87.9560, 16.7837, -16.6244



105.3060, 25.9781, -25.7014



76.2380, 22.5607, -2.8397



57.4450, 1.7526, -2.1443



44.7740, 39.5514, -39.2668



90.3630, 79.6870, -79.2484

Inverse Universe

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



87.3550, 1.7970, 30.3837



104.3940, 2.7638, 47.0125



114.7620, -22.5607, 2.8397



57.1360, 0.4260, 3.3887



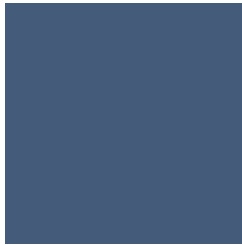
43.3030, 4.2876, 71.6483



87.3180, 8.7172, 144.4261

Previews

White Background



This preview shows how the YUV color 87.9560, 16.7837, -16.6244 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 87.9560, 16.7837, -16.6244 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

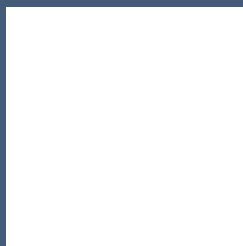
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 87.9560, 16.7837, -16.6244

Background



This preview shows how black text looks on a background with the YUV color 87.9560, 16.7837, -16.6244.



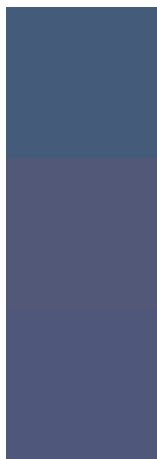
This preview shows how white text looks on a background with the YUV color 87.9560, 16.7837,

-16.6244.

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

87.9560, 16.7837, -16.6244

Protanopia

89.5550, 15.0094, -7.5027

Deuteranopia

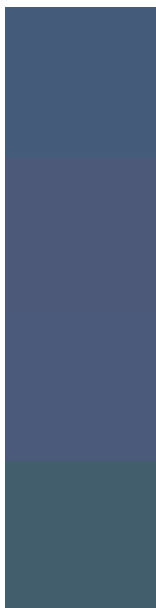
89.2990, 16.6146, -9.0322



Tritanopia

86.5290, 7.6272, -19.7579

Trichromacy



Original Color

87.9560, 16.7837, -16.6244

Protanomaly

89.0600, 15.7464, -10.5766

Deuteranomaly

88.6900, 16.9148, -12.0061

Tritanomaly

87.3380, 10.6794, -18.7134

Monochromacy



Original Color

87.9560, 16.7837, -16.6244

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8620, 5.9840, -6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.9560, 16.7837, -16.6244 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, 91, 122)` looks like.

```
.text, #text, p{  
    color:rgb(69, 91, 122)  
}
```

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, 91, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 91, 122) }
```

Border

The CSS property to change the border of an element to YUV 87.9560, 16.7837, -16.6244 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, 91, 122) }
```


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

```
.border{ border-color:rgb(69, 91, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 91, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 91, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 91, 122);  
box-shadow:4px 4px 4px 4px rgb(69, 91,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 87.9560, 16.7837, -16.6244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 91, 122) }
```

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

```
.background{ background-color: rgb(69, 91,  
122) }
```

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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