

Converting Colors

YUV(88.8760, 11.4001,
-16.5543)

Have a look what the booklet for
YUV(88.8760, 11.4001, -16.5543)
contains.

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Color

**YUV(88.8760, 11.4001,
-16.5543)**

Conversions

Conversions Part 1

Format	Color
Hex	465E70
RGB	70, 94, 112
RGB Percent	27%, 37%, 44%
CMY	0.7255, 0.6314, 0.5608
CMYK	0.37, 0.16, 0.00, 0.56
HSL	206°, 23%, 36%
HSV	206°, 37%, 44%
XYZ	9.4531, 10.4774, 16.8533
YIQ	88.8760, -20.0820, 0.5100

Conversions

Conversions Part 2

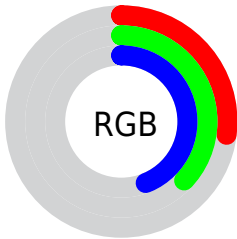
Format	Color
R_{YB}	70, 85, 112
Decimal	4611696
CIE _{Lab}	38.69, -4.06, -13.10
CIE _{LCh}	39, 13.711, 252.793
Yxy	10.4774, 0.2570, 0.2848
Android (android.graphics.Color)	4282801776 (0xFF465E70)
YUV	88.8760, 11.4001, -16.5543
Hunter-Lab	32.3687, -4.5153, -8.2122

Details

The YUV color **88.8760, 11.4001, -16.5543** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **93.1240, -11.4001, 16.5543**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.1040, 12.2737, -16.7542**, and **42.3490, 10.6739, -16.9691** is the 20% darker color. If you saturate the color by 10%, you get **82.6520, 14.4686, -20.7428**, and if you desaturate by 10%, it is **95.1000, 8.3317, -12.3657**.

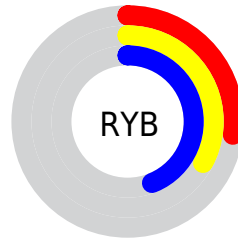
Distribution



Red (27%)

Green (37%)

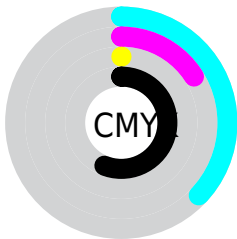
Blue (44%)



Red (27%)

Yellow (33%)

Blue (44%)

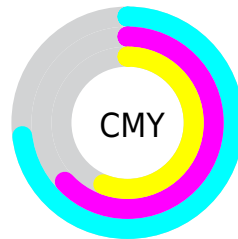


Cyan (37%)

Magenta (16%)

Yellow (0%)

Black (56%)



Cyan (73%)

Magenta (63%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.8760, 11.4001, -16.5543 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 88.8760, 11.4001, -16.5543 by changing the saturation by 10% instead.

■ 88.8760, 11.4001,
-16.5543

■ 88.8760, 11.4001,
-16.5543

■ 255.0000, 0.0000,
0.0000

■ 64.8760, 11.4001,
-16.5543

■ 139.1040, 12.2737,
-16.7542

■ 42.3490, 10.6739,
-16.9691

■ 165.8050, 12.4211,
-17.3690

■ 20.6370, 10.5320,
-18.0986

■ 192.9190, 12.8579,
-17.4690

■ 3.0950, 9.3202,
-2.7143

■ 220.9190, 12.8579,
-17.4690

■ 0.0000, 0.0000,
0.0000

■ 247.2260, 3.8326,
-15.9842

■ 88.8760, 11.4001,
-16.5543

■ 88.8760, 11.4001,
-16.5543

■ 82.6520, 14.4686,
-20.7428

■ 95.1000, 8.3317,
-12.3657

■ 76.4280, 17.5370,
-24.9314

■ 101.3240, 5.2633,
-8.1771

■ 70.4920, 20.4634,
-30.2495

■ 107.2600, 2.3368,
-2.8590

■ 64.2680, 23.5319,
-34.4380

■ 113.4840, -0.7316,
1.3295

■ 58.0440, 26.6003,
-38.6266

■ 119.7080, -3.8000,
5.5181

■ 51.8200, 29.6687,
-42.8151

■ 125.9320, -6.8685,
9.7066

■ 50.3360, 30.4004,
-44.1447

■ 132.1560, -9.9369,
13.8952

■ 138.0920,

-12.8634, 19.2133

■ 144.3160,
-15.9318, 23.4019

Harmonies

Analogous

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



86.6750, 9.5272, -22.5170



88.8760, 11.4001, -16.5543



90.8280, 10.9308, -5.9882

Triad

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



88.8760, 11.4001, -16.5543



92.7250, -2.8224, 18.6582



88.8330, -6.8197, -5.9925

Complementary

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



88.8760, 11.4001, -16.5543



93.1240, -11.4001, 16.5543

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.



90.2750, -10.4886, 4.1438



88.8760, 11.4001, -16.5543



92.0470, -7.9112, 17.4988

Square

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



88.8760, 11.4001, -16.5543



93.0710, 2.4300, 13.9697



91.0310, -10.3683, 12.2508



87.4450, -1.6984, -15.2993

Rectangle

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



88.8760, 11.4001, -16.5543



92.3020, 8.7251, 1.4891



91.0310, -10.3683, 12.2508



89.1000, -8.4303, -2.7187

Sweetspot

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



88.8760, 11.4001, -16.5543



136.1070, 4.3842, -6.2328



96.7060, -4.2921, -23.4212



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.



88.8760, 11.4001, -16.5543



109.1290, 17.6844, -25.5461



77.1360, 17.1880, -6.2583



53.0320, 1.4632, -2.6591



53.5960, 32.7372, -47.0037



110.9250, 67.0850, -97.2812

Inverse Universe

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



85.2940, 4.2921, 23.4212



103.6530, 6.5801, 36.2613



105.4510, -17.4773, 5.7435



52.2500, 0.8628, 3.2888



43.6320, 12.0134, 66.9747



89.9270, 25.1790, 137.7530

Previews

White Background



This preview shows how the YUV color 88.8760, 11.4001, -16.5543 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 88.8760, 11.4001, -16.5543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

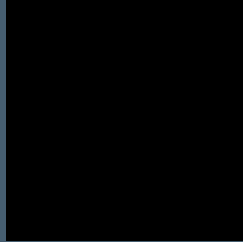
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

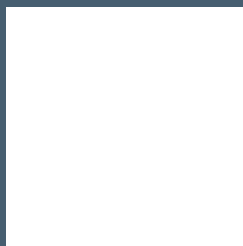
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 88.8760, 11.4001, -16.5543

Background



This preview shows how black text looks on a background with the YUV color 88.8760, 11.4001, -16.5543.

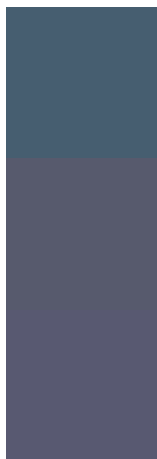


This preview shows how white text looks on a background with the YUV color 88.8760, 11.4001,

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

88.8760, 11.4001, -16.5543

Protanopia

91.2690, 8.7414, -3.7439

Deuteranopia

91.4370, 10.6306, -3.0142



Tritanopia

88.4260, 7.1850, -17.9136

Trichromacy



Original Color

88.8760, 11.4001, -16.5543

Protanomaly

90.1760, 9.7732, -8.0474

Deuteranomaly

90.5180, 11.0836, -8.3473

Tritanomaly

88.4800, 8.6374, -17.0840

Monochromacy



Original Color

88.8760, 11.4001, -16.5543

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9930, 3.9475, -6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.8760, 11.4001, -16.5543 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(70, 94, 112)` looks like.

```
.text, #text, p{  
    color:rgb(70, 94, 112)  
}
```

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(70, 94, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 94, 112) }
```

Border

The CSS property to change the border of an element to YUV 88.8760, 11.4001, -16.5543 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(70, 94, 112) }
```


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

```
.border{ border-color:rgb(70, 94, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 94, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 94, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 94, 112);  
box-shadow:4px 4px 4px 4px rgb(70, 94,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 88.8760, 11.4001, -16.5543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 94, 112) }
```

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

```
.background{ background-color: rgb(70, 94,  
112) }
```

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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