

Converting Colors

YUV(86.5220, 11.5747,
-25.8908)

Have a look what the booklet for
YUV(86.5220, 11.5747, -25.8908)
contains.

YUV(86.5220, 11.5747, -25.8908)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(86.5220, 11.5747,
-25.8908)**

Conversions

Conversions Part 1

Format	Color
Hex	39616E
RGB	57, 97, 110
RGB Percent	22%, 38%, 43%
CMY	0.7765, 0.6196, 0.5686
CMYK	0.48, 0.12, 0.00, 0.57
HSL	195°, 32%, 33%
HSV	195°, 48%, 43%
XYZ	8.7765, 10.5450, 16.3247
YIQ	86.5220, -28.0130, -4.4370

Conversions

Conversions Part 2

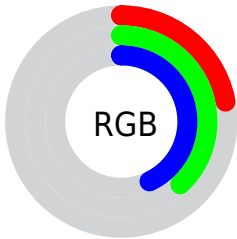
Format	Color
R_{YB}	57, 80, 110
Decimal	3760494
CIE _{Lab}	38.80, -10.23, -11.76
CIE _{LCh}	39, 15.585, 228.989
Yxy	10.5450, 0.2462, 0.2958
Android (android.graphics.Color)	4281950574 (0xFF39616E)
YUV	86.5220, 11.5747, -25.8908
Hunter-Lab	32.4731, -8.5848, -7.0747

Details

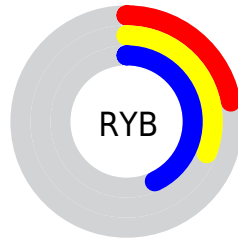
The YUV color $86.5220, 11.5747, -25.8908$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $80.4780, -11.5747, 25.8908$, and the grayscale version is $86.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $137.3370, 12.1589, -26.6055$, and $37.6030, 12.0277, -31.2238$ is the 20% darker color. If you saturate the color by 10%, you get $81.4720, 14.0643, -31.1089$, and if you desaturate by 10%, it is $91.5720, 9.0850, -20.6726$.

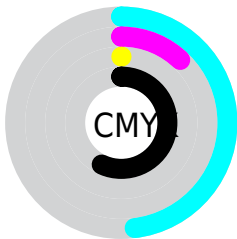
Distribution



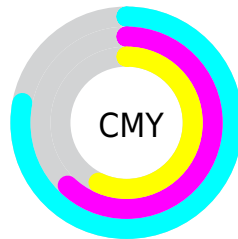
- Red (22%)
- Green (38%)
- Blue (43%)



- Red (22%)
- Yellow (31%)
- Blue (43%)



- Cyan (48%)
- Magenta (12%)
- Yellow (0%)
- Black (57%)



- Cyan (78%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.5220, 11.5747, -25.8908 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 86.5220, 11.5747, -25.8908 by changing the saturation by 10% instead.

■ 86.5220, 11.5747,
-25.8908

■ 86.5220, 11.5747,
-25.8908

■ 255.0000, 0.0000,
0.0000

■ 62.2230, 11.7221,
-26.5056

■ 137.3370, 12.1589,
-26.6055

■ 37.6030, 12.0277,
-31.2238

■ 163.7500, 12.4483,
-26.0907

■ 22.2840, 9.2270,
-19.5431

■ 191.3370, 12.1589,
-26.6055

■ 2.8670, 8.4466,
-2.5144

■ 219.1520, 12.7431,
-27.3203

■ 0.0000, 0.0000,
0.0000

■ 243.3390, 5.7489,
-23.9763

■ 252.0100, 1.4741,

-6.1478

■ 86.5220, 11.5747,
-25.8908

■ 86.5220, 11.5747,
-25.8908

■ 81.4720, 14.0643,
-31.1089

■ 91.5720, 9.0850,
-20.6726

■ 77.0090, 16.2646,
-36.8419

■ 96.0350, 6.8847,
-14.9397

■ 71.9590, 18.7542,
-42.0600

■ 101.0850, 4.3951,
-9.7215

■ 66.9090, 21.2439,
-47.2782

■ 106.1350, 1.9054,
-4.5034

■ 62.4460, 23.4441,
-53.0111

■ 110.5980, -0.2948,
1.2296

■ 61.2610, 24.0283,
-53.7259

■ 115.6480, -2.7845,
6.4477

■ 120.6980, -5.2741,
11.6659

■ 125.7480, -7.7638,
16.8840

■ 130.2110, -9.9640,
22.6170

Harmonies

Analogous

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



85.2570, 6.7753, -26.5354



86.5220, 11.5747, -25.8908



89.3320, 13.1473, -16.9542

Triad

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



86.5220, 11.5747, -25.8908



93.8650, 1.5456, 17.6584



89.7370, -11.2093, 1.9847

Complementary

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



86.5220, 11.5747, -25.8908



80.4780, -11.5747, 25.8908

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.



91.2760, -11.9681, 12.0359



86.5220, 11.5747, -25.8908



92.6930, -4.2856, 21.3172

Square

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



86.5220, 11.5747, -25.8908



93.0040, 7.3930, 8.7665



92.3030, -9.5164, 19.0283



88.1100, -6.9562, -8.8665

Rectangle

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



86.5220, 11.5747, -25.8908



90.8600, 12.3940, -8.6472



92.3030, -9.5164, 19.0283



90.5310, -12.0938, 5.6733

Sweetspot

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



86.5220, 11.5747, -25.8908



134.0850, 4.3951, -9.7215



89.4790, -10.0961, -28.4841



65.6510, 2.6371, -5.8329



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



86.5220, 11.5747, -25.8908



105.8560, 18.3120, -40.2157



71.2600, 19.0988, -12.5060



53.6190, 1.1738, -3.1739



66.5100, 26.3706, -58.3293



137.9270, 53.7730, -120.9620

Inverse Universe

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



77.4070, 9.6593, 28.5841



91.8850, 14.8467, 44.8279



95.7400, -19.0988, 12.5060



52.3640, 1.2995, 3.1888



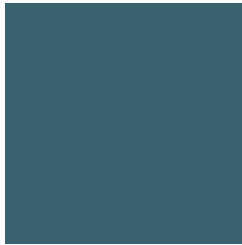
46.1400, 21.6230, 64.7752



95.1710, 45.2717, 133.1540

Previews

White Background



This preview shows how the YUV color 86.5220, 11.5747, -25.8908 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 86.5220, 11.5747, -25.8908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

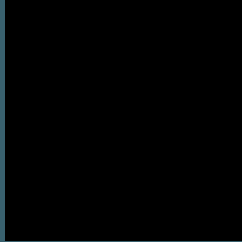
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5220, 11.5747, -25.8908

Background



This preview shows how black text looks on a background with the YUV color 86.5220, 11.5747, -25.8908.



This preview shows how white text looks on a background with the YUV color 86.5220, 11.5747,

-25.8908.

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

86.5220, 11.5747, -25.8908

Protanopia

91.1120, 6.8468, -2.7292

Deuteranopia

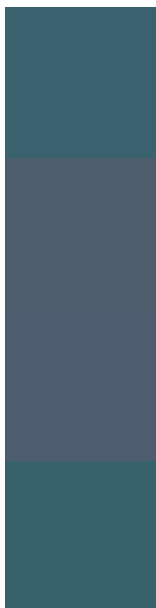
91.6220, 10.0464, -2.2995



Tritanopia

86.3540, 9.6855, -26.6205

Trichromacy



Original Color

86.5220, 11.5747, -25.8908

Protanomaly

89.8120, 8.4737, -11.2361

Deuteranomaly

89.6810, 10.5103, -11.1212

Tritanomaly

86.4680, 10.1223, -26.7204

Monochromacy



Original Color

86.5220, 11.5747, -25.8908

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9710, 3.9583, -9.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5220, 11.5747, -25.8908 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(57, 97, 110)` looks like.

```
.text, #text, p{  
    color:rgb(57, 97, 110)  
}
```

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(57, 97, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 97, 110) }
```

Border

The CSS property to change the border of an element to YUV 86.5220, 11.5747, -25.8908 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(57, 97, 110) }
```


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

```
.border{ border-color:rgb(57, 97, 110) }
```

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

Here you see how a box with a 4 pixel rgb(57, 97, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 97, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 97, 110);  
box-shadow:4px 4px 4px 4px rgb(57, 97,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 86.5220, 11.5747, -25.8908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 97, 110) }
```

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

```
.background{ background-color: rgb(57, 97,  
110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor