

Converting Colors

YUV(136.8980, 41.4623,
-45.5145)

Have a look what the booklet for
YUV(136.8980, 41.4623, -45.5145)
contains.

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Color

**YUV(136.8980, 41.4623,
-45.5145)**

Conversions

Conversions Part 1

Format	Color
Hex	5593DD
RGB	85, 147, 221
RGB Percent	33%, 58%, 87%
CMY	0.6667, 0.4235, 0.1333
CMYK	0.62, 0.33, 0.00, 0.13
HSL	213°, 67%, 60%
HSV	213°, 62%, 87%
XYZ	27.2312, 28.0192, 72.3796
YIQ	136.8980, -60.7060, 9.8700

Conversions

Conversions Part 2

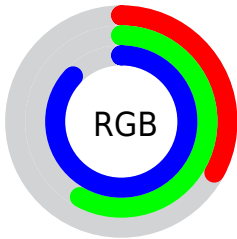
Format	Color
R _Y B	85, 128, 221
Decimal	5608413
CIE Lab	59.91, 2.44, -43.68
CIE LCh	60, 43.744, 273.195
Yxy	28.0192, 0.2134, 0.2195
Android (android.graphics.Color)	4283798493 (0xFF5593DD)
YUV	136.8980, 41.4623, -45.5145
Hunter-Lab	52.9332, -0.8047, -44.0186

Details

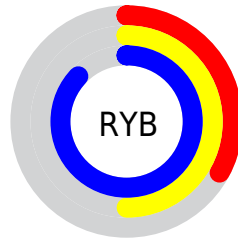
The YUV color **136.8980, 41.4623, -45.5145** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **169.1020, -41.4623, 45.5145**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4120, 31.8419, -39.8263**, and **75.7490, 44.0007, -66.4319** is the 20% darker color. If you saturate the color by 10%, you get **123.2760, 48.1779, -52.8621**, and if you desaturate by 10%, it is **150.5200, 34.7466, -38.1670**.

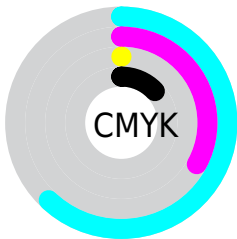
Distribution



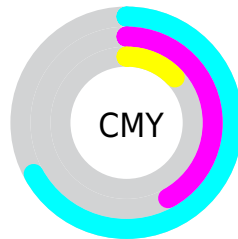
- Red (33%)
- Green (58%)
- Blue (87%)



- Red (33%)
- Yellow (50%)
- Blue (87%)



- Cyan (62%)
- Magenta (33%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8980, 41.4623, -45.5145 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 136.8980, 41.4623, -45.5145 by changing the saturation by 10% instead.

■ 136.8980, 41.4623,
-45.5145

■ 136.8980, 41.4623,
-45.5145

255.0000, 0.0000,
0.0000

■ 108.2780, 41.7679,
-50.2328

■ 190.4120, 31.8419,
-39.8263

■ 75.7490, 44.0007,
-66.4319

■ 215.5190, 19.4641,
-36.4122

■ 58.6970, 39.5894,
-51.4773

■ 239.7510, 7.5178,
-31.3536

■ 42.8190, 34.5992,
-37.5523

■ 248.7210, 3.0955,
-12.9103

■ 28.2290, 29.4671,
-24.7568

■ 10.2310, 26.5081,
-8.9726

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 136.8980, 41.4623,
-45.5145

■ 136.8980, 41.4623,
-45.5145

■ 123.2760, 48.1779,
-52.8621

■ 150.5200, 34.7466,
-38.1670

■ 109.6540, 54.8936,
-60.2096

■ 164.1420, 28.0310,
-30.8195

■ 96.0320, 61.6092,
-67.5571

■ 177.7640, 21.3153,
-23.4720

■ 84.4810, 67.3039,
-74.0898

■ 191.3860, 14.5997,
-16.1245

■ 205.0080, 7.8841,
-8.7770

■ 218.9290, 1.0210,
-0.8147

■ 232.5510, -5.6946,
6.5328

■ 244.0800,
-11.3784, 9.5768

■ 251.1240,
-14.8511, 3.3993

Harmonies

Analogous

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



116.3270, 47.1668, -102.0188



136.8980, 41.4623, -45.5145



147.6440, 30.2485, 4.6972

Triad

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



136.8980, 41.4623, -45.5145



144.5210, -19.9769, 60.9331



128.3470, -10.0311, -49.4163

Complementary

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



136.8980, 41.4623, -45.5145



169.1020, -41.4623, 45.5145

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.



135.9530, -29.0638, -11.3598



136.8980, 41.4623, -45.5145



143.2790, -33.1685, 45.3593

Square

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



136.8980, 41.4623, -45.5145



146.2170, -2.0790, 60.3227



140.6750, -37.3078, 19.5790



113.0260, 16.7492, -99.1238

Rectangle

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



136.8980, 41.4623, -45.5145



148.9910, 20.7104, 30.7029



140.6750, -37.3078, 19.5790



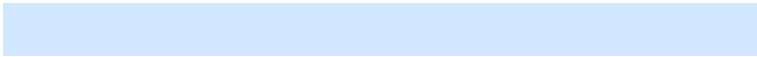
131.8990, -17.2052, -34.9914

Sweetspot

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



136.8980, 41.4623, -45.5145



226.5710, 14.0155, -15.4098



173.1540, -7.4709, -77.3111



109.9370, 8.9051, -9.5917



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



136.8980, 41.4623, -45.5145



138.0280, 57.6672, -63.1686



101.9990, 58.6675, -10.5231



103.1890, 3.3578, -3.6738



66.0950, 52.7042, -57.9653



17.5710, 14.0155, -15.4098

Inverse Universe

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



132.7320, 7.0341, 77.4110



132.3150, 9.7047, 107.5947



204.0010, -58.6675, 10.5231



102.8590, 0.5625, 6.2627



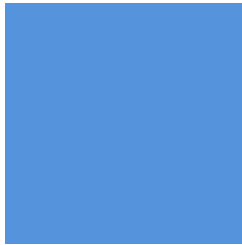
60.7330, 9.0056, 98.4582



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 136.8980, 41.4623, -45.5145 looks on a white background.

Color Contrast Check

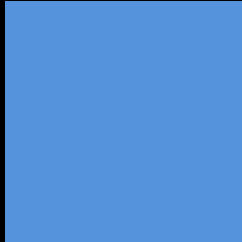
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 136.8980, 41.4623, -45.5145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

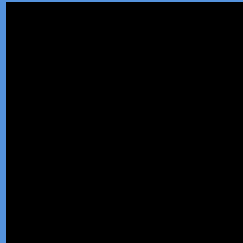
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

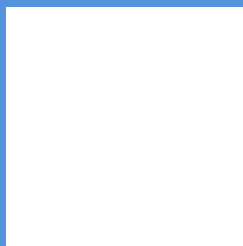
Any Text WCAG AAA × Fail

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

YUV 136.8980, 41.4623, -45.5145 Background



This preview shows how black text looks on a background with the YUV color 136.8980, 41.4623, -45.5145.



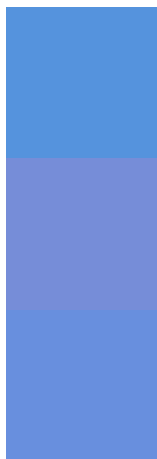
This preview shows how white text looks on a background with the YUV color 136.8980, 41.4623, -45.5145.

-45.5145.

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

136.8980, 41.4623, -45.5145

Protanopia

142.6730, 36.1502, -21.6382

Deuteranopia

140.3450, 40.2559, -31.8746



Tritanopia

129.7780, 19.8294, -60.3183

Trichromacy



Original Color

136.8980, 41.4623, -45.5145

Protanomaly

140.4870, 38.2139, -30.2451

Deuteranomaly

138.8390, 40.9984, -36.6928

Tritanomaly

132.2870, 27.9595, -54.6257

Monochromacy



Original Color

136.8980, 41.4623, -45.5145

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2010, 15.1839, -16.8393

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8980, 41.4623, -45.5145 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(85, 147, 221)` looks like.

```
.text, #text, p{  
    color:rgb(85, 147, 221)  
}
```

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(85, 147, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 147, 221) }
```

Border

The CSS property to change the border of an element to YUV 136.8980, 41.4623, -45.5145 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(85, 147, 221) }
```


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

```
.border{ border-color:rgb(85, 147, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 147, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 147, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 147, 221);  
box-shadow:4px 4px 4px 4px rgb(85, 147,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 136.8980, 41.4623, -45.5145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 147, 221) }
```

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

```
.background{ background-color: rgb(85, 147,  
221) }
```

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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