

Converting Colors

YUV(89.5880, 38.1641,
-61.0287)

Have a look what the booklet for
YUV(89.5880, 38.1641, -61.0287)
contains.

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Color

**YUV(89.5880, 38.1641,
-61.0287)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 146EA7 |
| RGB | 20, 110, 167 |
| RGB Percent | 8%, 43%, 65% |
| CMY | 0.9216, 0.5686, 0.3451 |
| CMYK | 0.88, 0.34, 0.00, 0.35 |
| HSL | 203°, 79%, 37% |
| HSV | 203°, 88%, 65% |
| XYZ | 12.8395, 14.0906, 38.6023 |
| YIQ | 89.5880, -71.9370, -1.3530 |

Conversions

Conversions Part 2

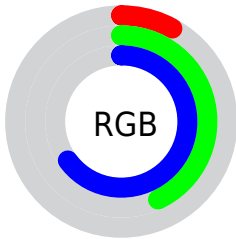
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 20, 76, 167 |
| Decimal | 1339047 |
| CIE _{Lab} | 44.36, -3.63, -37.48 |
| CIE _{LCh} | 44, 37.654, 264.463 |
| Yxy | 14.0906, 0.1959, 0.2150 |
| Android (android.graphics.Color) | 4279529127 (0xFF146EA7) |
| YUV | 89.5880, 38.1641, -61.0287 |
| Hunter-Lab | 37.5375, -4.6356, -34.6956 |

Details

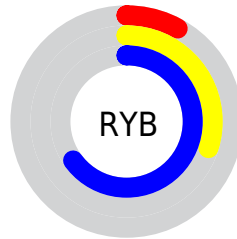
The YUV color **89.5880, 38.1641, -61.0287** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **97.4120, -38.1641, 61.0287**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9210, 36.5209, -47.2887**, and **50.0910, 32.0001, -43.9298** is the 20% darker color. If you saturate the color by 10%, you get **80.9830, 42.4064, -68.3911**, and if you desaturate by 10%, it is **98.1930, 33.9219, -53.6663**.

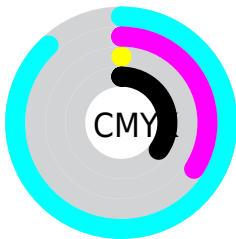
Distribution



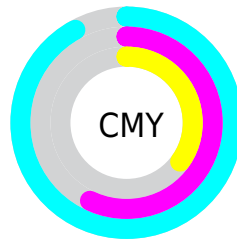
- Red (8%)
- Green (43%)
- Blue (65%)



- Red (8%)
- Yellow (30%)
- Blue (65%)



- Cyan (88%)
- Magenta (34%)
- Yellow (0%)
- Black (35%)



- Cyan (92%)
- Magenta (57%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5880, 38.1641, -61.0287 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 89.5880, 38.1641, -61.0287 by changing the saturation by 10% instead.

89.5880, 38.1641,
-61.0287

89.5880, 38.1641,
-61.0287

255.0000, 0.0000,
0.0000

66.4420, 36.2641,
-58.2696

147.9210, 36.5209,
-47.2887

50.0910, 32.0001,
-43.9298

175.7470, 37.0997,
-46.2591

34.3270, 27.4468,
-30.1048

201.6090, 26.3218,
-42.6301

19.8510, 22.7515,
-17.4093

226.7160, 13.9440,
-39.2159

6.6630, 17.9141,
-5.8435

241.8440, 6.4859,
-27.0502

3.0950, 9.3202,
-2.7143

250.8140, 2.0637,

0.0000, 0.0000,

-8.6069

0.0000

■ 89.5880, 38.1641,
-61.0287

■ 89.5880, 38.1641,
-61.0287

■ 80.9830, 42.4064,
-68.3911

■ 98.1930, 33.9219,
-53.6663

■ 78.9120, 43.4274,
-69.2058

■ 107.0860, 29.5376,
-47.4334

■ 115.6910, 25.2953,
-40.0710

■ 124.8830, 20.7637,
-33.2234

■ 133.1890, 16.6688,
-26.4758

■ 142.3810, 12.1372,
-19.6281

■ 150.9860, 7.8949,
-12.2657

■ 160.1780, 3.3632,
-5.4181

■ 168.4840, -0.7316,
1.3295

Harmonies

Analogous

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



86.3490, 33.8449, -75.7281



89.5880, 38.1641, -61.0287



105.5840, 27.8131, -7.5282

Triad

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



89.5880, 38.1641, -61.0287



104.9310, -11.7980, 50.9265



93.9580, -13.2903, -30.6582

Complementary

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



89.5880, 38.1641, -61.0287



97.4120, -38.1641, 61.0287

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.



99.5890, -26.9124, -1.3936



89.5880, 38.1641, -61.0287



104.2490, -24.2798, 41.0006

Square

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



89.5880, 38.1641, -61.0287



106.0950, 2.9112, 46.3977



102.1190, -30.6247, 22.6976



81.6120, 8.0793, -71.5737

Rectangle

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



89.5880, 38.1641, -61.0287



108.4900, 20.4644, 16.2333



102.1190, -30.6247, 22.6976



95.9440, -18.7064, -20.1219

Sweetspot

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



89.5880, 38.1641, -61.0287



187.0430, 14.7688, -23.7167



112.6730, -18.0798, -81.2742



91.6160, 9.0633, -13.6952



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



89.5880, 38.1641, -61.0287



102.8090, 56.2962, -90.1635



46.7370, 59.2897, -23.4483



79.8470, 2.0474, -3.3738



70.2890, 38.3115, -61.6435



9.3240, 5.2633, -8.1771

Inverse Universe

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



74.2130, 17.6430, 81.3742



80.0450, 26.1068, 120.1095



140.2630, -59.2897, 23.4483



78.9620, 1.0047, 4.4183



54.6260, 17.9324, 81.8890



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 89.5880, 38.1641, -61.0287 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 89.5880, 38.1641, -61.0287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

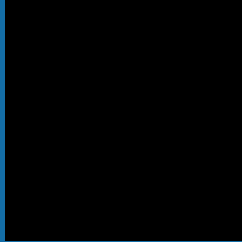
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5880, 38.1641, -61.0287

Background



This preview shows how black text looks on a background with the YUV color 89.5880, 38.1641, -61.0287.



This preview shows how white text looks on a background with the YUV color 89.5880, 38.1641,

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

89.5880, 38.1641, -61.0287

Protanopia

103.8170, 27.6982, -17.3795

Deuteranopia

100.8200, 33.1197, -29.6601



Tritanopia

82.3420, 21.0304, -72.2139

Trichromacy



Original Color

89.5880, 38.1641, -61.0287

Protanomaly

99.0430, 31.5308, -33.3637

Deuteranomaly

96.9110, 35.0469, -41.1409

Tritanomaly

84.9710, 27.1293, -68.3806

Monochromacy



Original Color

89.5880, 38.1641, -61.0287

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8260, 13.8898, -21.7724

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5880, 38.1641, -61.0287 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(20, 110, 167)` looks like.

```
.text, #text, p{  
    color:rgb(20, 110, 167)  
}
```

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(20, 110, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 110, 167) }
```

Border

The CSS property to change the border of an element to YUV 89.5880, 38.1641, -61.0287 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(20, 110, 167) }
```


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

```
.border{ border-color:rgb(20, 110, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 110, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 110, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 110, 167);  
box-shadow:4px 4px 4px 4px rgb(20, 110,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 89.5880, 38.1641, -61.0287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 110, 167) }
```

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

```
.background{ background-color: rgb(20, 110,  
167) }
```

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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