

Converting Colors

YUV(107.3810, 58.9722,
-61.7241)

Have a look what the booklet for
YUV(107.3810, 58.9722, -61.7241)
contains.

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Color

**YUV(107.3810, 58.9722,
-61.7241)**

Conversions

Conversions Part 1

Format	Color
Hex	2578E3
RGB	37, 120, 227
RGB Percent	15%, 47%, 89%
CMY	0.8549, 0.5294, 0.1098
CMYK	0.84, 0.47, 0.00, 0.11
HSL	214°, 77%, 52%
HSV	214°, 84%, 89%
XYZ	21.3445, 19.3723, 75.2873
YIQ	107.3810, -83.8150, 15.6810

Conversions

Conversions Part 2

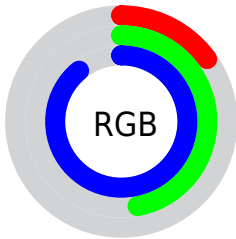
Format	Color
R_{YB}	37, 95, 227
Decimal	2455779
CIE _{Lab}	51.12, 14.61, -61.13
CIE _{LCh}	51, 62.851, 283.437
Yxy	19.3723, 0.1840, 0.1670
Android (android.graphics.Color)	4280645859 (0xFF2578E3)
YUV	107.3810, 58.9722, -61.7241
Hunter-Lab	44.0140, 9.5390, -70.6076

Details

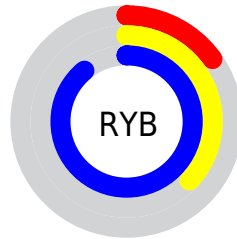
The YUV color **107.3810, 58.9722, -61.7241** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **156.6190, -58.9722, 61.7241**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4190, 44.6564, -43.3405**, and **62.3450, 53.5669, -54.6766** is the 20% darker color. If you saturate the color by 10%, you get **92.8730, 66.1246, -69.1716**, and if you desaturate by 10%, it is **121.8890, 51.8197, -54.2767**.

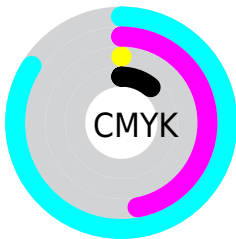
Distribution



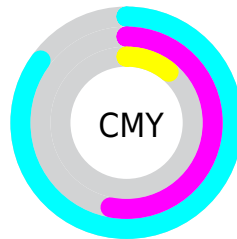
- Red (15%)
- Green (47%)
- Blue (89%)



- Red (15%)
- Yellow (37%)
- Blue (89%)



- Cyan (84%)
- Magenta (47%)
- Yellow (0%)
- Black (11%)



- Cyan (85%)
- Magenta (53%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.3810, 58.9722, -61.7241 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 107.3810, 58.9722, -61.7241 by changing the saturation by 10% instead.

■ 107.3810, 58.9722,
-61.7241

■ 107.3810, 58.9722,
-61.7241

255.0000, 0.0000,
0.0000

■ 79.0380, 59.1413,
-69.3163

■ 164.4190, 44.6564,
-43.3405

■ 62.3450, 53.5669,
-54.6766

■ 189.8360, 32.1259,
-37.5672

■ 46.3530, 48.1400,
-40.6516

■ 215.5410, 19.4533,
-32.9235

■ 32.1220, 41.8449,
-28.1710

■ 241.2460, 6.7807,
-28.2797

■ 14.0100, 38.4491,
-12.2868

■ 250.5150, 2.2111,
-9.2217

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 107.3810, 58.9722,
-61.7241

■ 107.3810, 58.9722,
-61.7241

■ 92.8730, 66.1246,
-69.1716

■ 121.8890, 51.8197,
-54.2767

■ 83.9910, 70.5034,
-73.6601

■ 136.0980, 44.8147,
-47.4439

■ 150.0190, 37.9516,
-39.4817

■ 164.5270, 30.7992,
-32.0342

■ 178.7360, 23.7942,
-25.2015

■ 193.2440, 16.6417,
-17.7540

■ 207.1650, 9.7787,
-9.7917

■ 221.6730, 2.6262,
-2.3442

■ 235.8820, -4.3788,
4.4885

Harmonies

Analogous

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



105.4820, 58.9224, -92.5077



107.3810, 58.9722, -61.7241



125.1980, 36.8774, 25.2594

Triad

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



107.3810, 58.9722, -61.7241



115.8900, -32.9768, 77.2725



94.6740, -2.7973, -83.0291

Complementary

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



107.3810, 58.9722, -61.7241



156.6190, -58.9722, 61.7241

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.



103.1210, -34.0767, -36.9401



107.3810, 58.9722, -61.7241



114.5250, -56.4608, 49.5286

Square

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



107.3810, 58.9722, -61.7241



114.4380, -7.1179, 89.9469



111.6250, -55.0311, 10.8529



102.2320, 21.0846, -89.6575

Rectangle

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



107.3810, 58.9722, -61.7241



122.0900, 24.1126, 59.5571



111.6250, -55.0311, 10.8529



92.0350, -10.3703, -80.7147

Sweetspot

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



107.3810, 58.9722, -61.7241



214.7320, 19.8521, -20.8130



160.3860, -9.5573, -108.2095



103.4250, 12.1155, -12.6507



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.



107.3810, 58.9722, -61.7241



94.2270, 79.2611, -82.6371



61.6500, 81.5175, -12.8480



107.3030, 3.7946, -3.7737



66.1920, 55.6143, -58.0504



18.7280, 15.9101, -16.4245

Inverse Universe

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



103.2720, 8.2469, 108.5095



88.8990, 10.8958, 145.6706



202.6490, -81.6650, 13.4628



107.1580, 0.4151, 6.8774



62.4130, 7.6844, 102.2468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 107.3810, 58.9722, -61.7241 looks on a white background.

Color Contrast Check

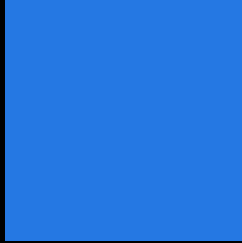
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.3810, 58.9722, -61.7241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

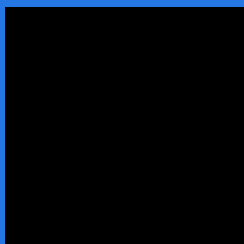
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

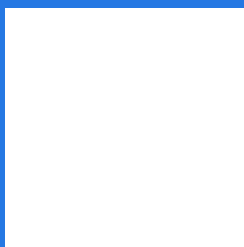
Any Text WCAG AAA × Fail

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

YUV 107.3810, 58.9722, -61.7241 Background



This preview shows how black text looks on a background with the YUV color 107.3810, 58.9722, -61.7241.



This preview shows how white text looks on a background with the YUV color 107.3810, 58.9722, -61.7241.

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

107.3810, 58.9722, -61.7241

Protanopia

113.6500, 54.4025, -42.6661

Deuteranopia

96.9390, 59.1901, -85.0155



Tritanopia

95.0740, 24.1205, -83.3799

Trichromacy



Original Color

107.3810, 58.9722, -61.7241

Protanomaly

111.3610, 56.0240, -49.4286

Deuteranomaly

100.6950, 59.3104, -76.9085

Tritanomaly

99.4460, 36.7551, -75.8131

Monochromacy



Original Color

107.3810, 58.9722, -61.7241

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.4760, 21.4573, -22.3425

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.3810, 58.9722, -61.7241 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(37, 120, 227)` looks like.

```
.text, #text, p{  
    color:rgb(37, 120, 227)  
}
```

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(37, 120, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 120, 227) }
```

Border

The CSS property to change the border of an element to YUV 107.3810, 58.9722, -61.7241 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(37, 120, 227) }
```


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

```
.border{ border-color:rgb(37, 120, 227) }
```

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

Here you see how a box with a 4 pixel rgb(37, 120, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 120, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 120, 227);  
box-shadow:4px 4px 4px 4px rgb(37, 120,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 107.3810, 58.9722, -61.7241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 120, 227) }
```

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

```
.background{ background-color: rgb(37, 120,  
227) }
```

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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