

Converting Colors

YUV(160.2060, -2.0736,
58.5783)

Have a look what the booklet for
YUV(160.2060, -2.0736, 58.5783)
contains.

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Color

**YUV(160.2060, -2.0736,
58.5783)**

Conversions

Conversions Part 1

Format	Color
Hex	E37F9C
RGB	227, 127, 156
RGB Percent	89%, 50%, 61%
CMY	0.1098, 0.5020, 0.3882
CMYK	0.00, 0.44, 0.31, 0.11
HSL	343°, 64%, 69%
HSV	343°, 44%, 89%
XYZ	45.2687, 33.9099, 35.6118
YIQ	160.2060, 50.2910, 30.2190

Conversions

Conversions Part 2

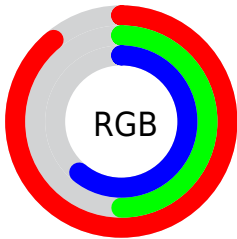
Format	Color
R _Y B	227, 127, 156
Decimal	14909340
CIE Lab	64.89, 41.80, 1.67
CIE LCh	65, 41.837, 2.287
Yxy	33.9099, 0.3944, 0.2954
Android (android.graphics.Color)	4293099420 (0xFFE37F9C)
YUV	160.2060, -2.0736, 58.5783
Hunter-Lab	58.2322, 36.8562, 4.5039

Details

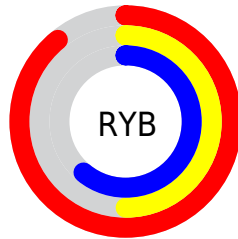
The YUV color **160.2060, -2.0736, 58.5783** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **193.7940, 2.0736, -58.5783**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0190, 1.4696, 42.0793**, and **106.5260, -0.7523, 54.7897** is the 20% darker color. If you saturate the color by 10%, you get **144.8810, -2.4063, 72.0184**, and if you desaturate by 10%, it is **175.5310, -1.7408, 45.1383**.

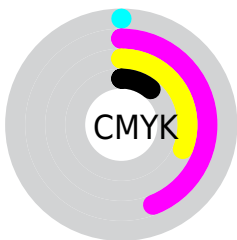
Distribution



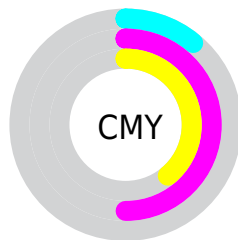
- Red (89%)
- Green (50%)
- Blue (61%)



- Red (89%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (44%)
- Yellow (31%)
- Black (11%)



- Cyan (11%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.2060, -2.0736, 58.5783 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 160.2060, -2.0736, 58.5783 by changing the saturation by 10% instead.

■ 160.2060, -2.0736,
58.5783

■ 160.2060, -2.0736,
58.5783

255.0000, 0.0000,
0.0000

■ 133.3090, -1.6313,
56.7340

■ 207.0190, 1.4696,
42.0793

■ 106.5260, -0.7523,
54.7897

■ 226.7610, 6.0338,
24.7656

■ 80.1560, 0.4161,
53.3602

■ 245.6080, 4.6303,
8.2368

■ 52.7260, 2.6001,
52.8603

■ 29.9320, 3.4845,
49.1716

■ 19.6500, -2.2924,
35.3869

■ 10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,
0.0000

■ 160.2060, -2.0736,
58.5783

■ 160.2060, -2.0736,
58.5783

■ 144.8810, -2.4063,
72.0184

■ 175.5310, -1.7408,
45.1383

■ 130.1430, -3.0285,
84.9436

■ 190.2690, -1.1186,
32.2131

■ 114.8180, -3.3613,
98.3836


■ 205.5940, -0.7858,
18.7731

■ 99.4930, -3.6940,
111.8236

■ 220.9190, -0.4531,
5.3330

■ 84.6410, -4.7530,
124.8488

■ 236.3580, 0.3165,
-8.2070

 75.3970, -4.6327,
132.9558

 246.4000, 3.2538,
-17.0138

 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



161.6670, 15.4472, 38.8800



160.2060, -2.0736, 58.5783



158.3360, -19.3926, 60.2183

Triad

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



160.2060, -2.0736, 58.5783



150.0780, -28.6325, -9.7154



125.2120, 48.2095, -109.8109

Complementary

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



160.2060, -2.0736, 58.5783



193.7940, 2.0736, -58.5783

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.



125.6560, 34.6796, -110.2003



160.2060, -2.0736, 58.5783



143.4400, -11.0629, -45.1129

Square

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



160.2060, -2.0736, 58.5783



154.0280, -36.0028, 21.0234



122.0250, 18.2287, -107.0159



150.8660, 39.9991, -42.8555

Rectangle

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



160.2060, -2.0736, 58.5783



157.5770, -28.3855, 51.2370



122.0250, 18.2287, -107.0159



126.1750, 44.2837, -110.6555

Sweetspot

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



160.2060, -2.0736, 58.5783



232.8930, -0.9332, 19.3878



159.3300, 33.3613, 33.0366



113.9630, -0.4748, 12.3104



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.



160.2060, -2.0736, 58.5783



164.8110, -2.8648, 79.0958



168.6400, -20.5285, 51.1817



107.0440, -0.0217, 6.9774



59.4490, -3.6724, 104.8462



16.9590, -0.9658, 29.8540

Inverse Universe

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



160.2060, -2.0736, 58.5783



164.8110, -2.8648, 79.0958



185.3600, 20.5285, -51.1817



107.0440, -0.0217, 6.9774



59.4490, -3.6724, 104.8462



16.9590, -0.9658, 29.8540

Previews

White Background



This preview shows how the YUV color 160.2060, -2.0736, 58.5783 looks on a white background.

Color Contrast Check

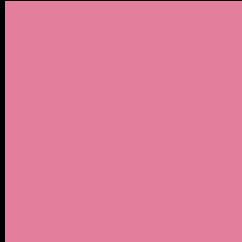
Large Text (above 18pt) WCAG AA × Fail

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 160.2060, -2.0736, 58.5783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

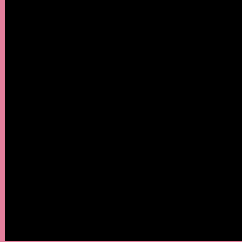
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.2060, -2.0736, 58.5783

Background



This preview shows how black text looks on a background with the YUV color 160.2060, -2.0736, 58.5783.



This preview shows how white text looks on a background with the YUV color 160.2060, -2.0736,

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

160.2060, -2.0736, 58.5783

Protanopia

158.6390, 7.5730, -2.3144

Deuteranopia

159.4640, -3.6798, 13.6251



Tritanopia

159.4310, -10.0725, 57.5040

Trichromacy



Original Color

160.2060, -2.0736, 58.5783

Protanomaly

159.1580, 3.8661, 20.0324

Deuteranomaly

159.9760, -3.4392, 29.8390

Tritanomaly

159.8270, -7.3097, 58.0337

Monochromacy



Original Color

160.2060, -2.0736, 58.5783

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.0180, -0.5019, 21.0322

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.2060, -2.0736, 58.5783 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(227, 127, 156)` looks like.

```
.text, #text, p{  
    color:rgb(227, 127, 156)  
}
```

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(227, 127, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 127, 156) }
```

Border

The CSS property to change the border of an element to YUV 160.2060, -2.0736, 58.5783 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(227, 127, 156) }
```


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

```
.border{ border-color:rgb(227, 127, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 127, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 127, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 127, 156);  
box-shadow:4px 4px 4px 4px rgb(227, 127,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 160.2060, -2.0736, 58.5783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 127, 156) }
```

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

```
.background{ background-color: rgb(227,  
127, 156) }
```

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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