

Converting Colors

YUV(163.5180, 8.1256, 53.9197)

Have a look what the booklet for
YUV(163.5180, 8.1256, 53.9197)
contains.

YUV(163.5180, 8.1256, 53.9197)	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(163.5180, 8.1256,
53.9197)**

Conversions

Conversions Part 1

Format	Color
Hex	E181B4
RGB	225, 129, 180
RGB Percent	88%, 51%, 71%
CMY	0.1176, 0.4941, 0.2941
CMYK	0.00, 0.43, 0.20, 0.12
HSL	328°, 62%, 69%
HSV	328°, 43%, 88%
XYZ	47.1398, 35.0034, 47.4518
YIQ	163.5180, 40.8450, 36.2130

Conversions

Conversions Part 2

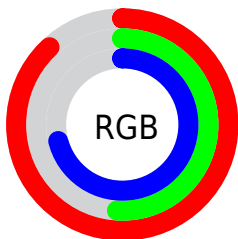
Format	Color
R _Y B	225, 129, 180
Decimal	14778804
CIE Lab	65.75, 43.40, -10.68
CIE LCh	66, 44.698, 346.173
Yxy	35.0034, 0.3637, 0.2701
Android (android.graphics.Color)	4292968884 (0xFFE181B4)
YUV	163.5180, 8.1256, 53.9197
Hunter-Lab	59.1636, 38.6871, -6.1386

Details

The YUV color **163.5180, 8.1256, 53.9197** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **190.4820, -8.1256, -53.9197**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.1570, 12.2476, 38.4503**, and **109.9090, 8.4259, 50.9458** is the 20% darker color. If you saturate the color by 10%, you get **148.7630, 9.9768, 66.8598**, and if you desaturate by 10%, it is **178.2730, 6.2744, 40.9796**.

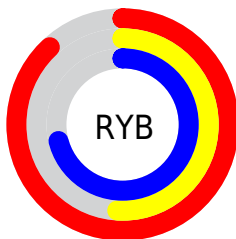
Distribution



Red (88%)

Green (51%)

Blue (71%)



Red (88%)

Yellow (51%)

Blue (71%)

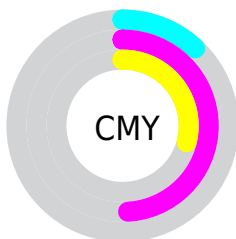


Cyan (0%)

Magenta (43%)

Yellow (20%)

Black (12%)



Cyan (12%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.5180, 8.1256, 53.9197 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 163.5180, 8.1256, 53.9197 by changing the saturation by 10% instead.

163.5180, 8.1256,
53.9197

163.5180, 8.1256,
53.9197

255.0000, 0.0000,
0.0000

136.5070, 8.1310,
52.1754

211.1570, 12.2476,
38.4503

109.9090, 8.4259,
50.9458

229.7590, 12.4438,
22.1364

83.4250, 9.1575,
49.6163

246.7820, 4.0515,
7.2072

56.1800, 10.7573,
49.8311

31.9840, 11.3469,
47.3720

22.1150, 5.8593,
34.1021

12.0890, -1.5229,

21.8469

■ 0.0000, 0.0000,
0.0000

■ 163.5180, 8.1256,
53.9197

■ 163.5180, 8.1256,
53.9197

■ 148.7630, 9.9768,
66.8598

■ 178.2730, 6.2744,
40.9796

■ 134.7090, 11.9755,
79.1852

■ 192.3270, 4.2758,
28.6542

■ 119.9540, 13.8267,
92.1253

■ 206.4950, 2.7140,
16.2289

■ 105.9000, 15.8253,
104.4507

■ 221.1360, 0.4260,
3.3887

■ 91.1450, 17.6765,
117.3908

■ 235.3040, -1.1359,
-9.0366

■ 80.9550, 19.2492,
126.3275

■ 244.6620, -0.8194,
-17.2436

■ 245.9160, 3.9854,
-18.3433

■ 246.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



164.5000, 25.3895, 23.2405



163.5180, 8.1256, 53.9197



160.9590, -10.8258, 65.8110

Triad

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



163.5180, 8.1256, 53.9197



154.1250, -36.5436, 7.7834



128.5230, 43.1262, -112.7147

Complementary

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



163.5180, 8.1256, 53.9197



190.4820, -8.1256, -53.9197

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.



126.2940, 26.9701, -110.7598



163.5180, 8.1256, 53.9197



149.0480, -23.1947, -27.2291

Square

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



163.5180, 8.1256, 53.9197



157.6710, -37.7988, 37.1225



137.3640, 0.8065, -72.2332



137.5830, 49.0126, -87.3343

Rectangle

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



163.5180, 8.1256, 53.9197



160.4350, -22.8925, 62.7625



137.3640, 0.8065, -72.2332



128.5570, 38.1794, -112.7445

Sweetspot

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



163.5180, 8.1256, 53.9197



233.8050, 2.5611, 18.5880



153.3990, 35.2993, 18.0671



114.5330, 1.7092, 11.8106



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.



163.5180, 8.1256, 53.9197



171.7360, 10.9762, 73.0225



158.0460, -12.8407, 58.7187



104.9730, 0.9993, 6.1627



63.2260, 14.6786, 98.9028



17.3160, 4.2812, 26.9099

Inverse Universe

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



163.5180, 8.1256, 53.9197



171.7360, 10.9762, 73.0225



195.9540, 12.8407, -58.7187



104.9730, 0.9993, 6.1627



63.2260, 14.6786, 98.9028



17.3160, 4.2812, 26.9099

Previews

White Background



This preview shows how the YUV color 163.5180, 8.1256, 53.9197 looks on a white background.

Color Contrast Check

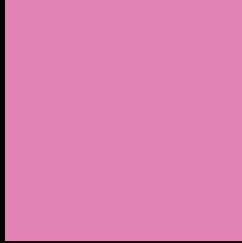
Large Text (above 18pt) WCAG AA × Fail

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 163.5180, 8.1256, 53.9197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

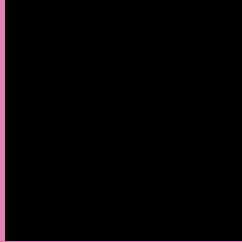
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.5180, 8.1256, 53.9197

Background



This preview shows how black text looks on a background with the YUV color 163.5180, 8.1256, 53.9197.



This preview shows how white text looks on a background with the YUV color 163.5180, 8.1256,

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

163.5180, 8.1256, 53.9197

Protanopia

160.9830, 19.2354, -9.6321

Deuteranopia

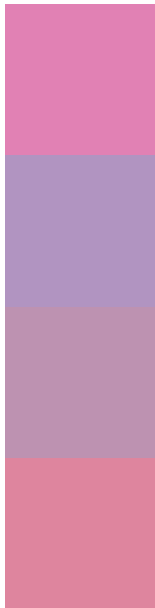
162.0530, 6.3829, 6.0925



Tritanopia

162.5550, -8.1616, 51.2563

Trichromacy



Original Color

163.5180, 8.1256, 53.9197

Protanomaly

161.8010, 15.3811, 13.3295

Deuteranomaly

162.3910, 7.2022, 23.3361

Tritanomaly

162.4610, -2.1993, 52.2157

Monochromacy



Original Color

163.5180, 8.1256, 53.9197

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.6310, 3.1399, 19.6176

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.5180, 8.1256, 53.9197 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(225, 129, 180)` looks like.

```
.text, #text, p{  
    color:rgb(225, 129, 180)  
}
```

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(225, 129, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 129, 180) }
```

Border

The CSS property to change the border of an element to YUV 163.5180, 8.1256, 53.9197 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(225, 129, 180) }
```


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

```
.border{ border-color:rgb(225, 129, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 129, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 129, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 129, 180);  
box-shadow:4px 4px 4px 4px rgb(225, 129,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 163.5180, 8.1256, 53.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 129, 180) }
```

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

```
.background{ background-color: rgb(225,  
129, 180) }
```

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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