

Converting Colors

YUV(158.5780, 27.3230,
56.4981)

Have a look what the booklet for
YUV(158.5780, 27.3230, 56.4981)
contains.

YUV(158.5780, 27.3230, 56.4981)	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(158.5780, 27.3230,
56.4981)**

Conversions

Conversions Part 1

Format	Color
Hex	DF73D6
RGB	223, 115, 214
RGB Percent	87%, 45%, 84%
CMY	0.1255, 0.5490, 0.1608
CMYK	0.00, 0.48, 0.04, 0.13
HSL	305°, 63%, 66%
HSV	305°, 48%, 87%
XYZ	48.6998, 32.8045, 67.3835
YIQ	158.5780, 32.5890, 53.6850

Conversions

Conversions Part 2

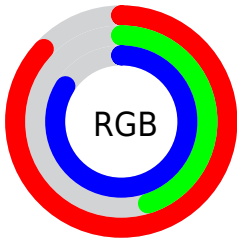
Format	Color
R _Y B	223, 115, 214
Decimal	14644182
CIE Lab	64.00, 55.26, -32.50
CIE LCh	64, 64.109, 329.538
Yxy	32.8045, 0.3271, 0.2203
Android (android.graphics.Color)	4292834262 (0xFFDF73D6)
YUV	158.5780, 27.3230, 56.4981
Hunter-Lab	57.2752, 51.5428, -29.6612

Details

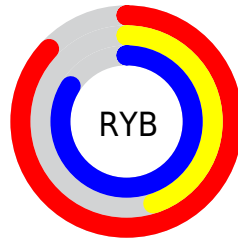
The YUV color **158.5780, 27.3230, 56.4981** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **179.4220, -27.3230, -56.4981**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1050, 24.5982, 43.7579**, and **103.5670, 27.3285, 54.7537** is the 20% darker color. If you saturate the color by 10%, you get **145.4360, 32.8161, 68.0236**, and if you desaturate by 10%, it is **171.7200, 21.8300, 44.9726**.

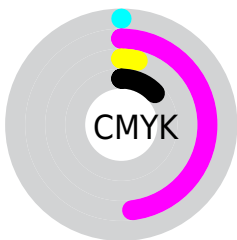
Distribution



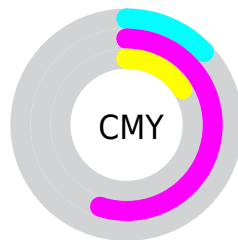
- Red (87%)
- Green (45%)
- Blue (84%)



- Red (87%)
- Yellow (45%)
- Blue (84%)



- Cyan (0%)
- Magenta (48%)
- Yellow (4%)
- Black (13%)





- Cyan (13%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.5780, 27.3230, 56.4981 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 158.5780, 27.3230, 56.4981 by changing the saturation by 10% instead.


 158.5780, 27.3230,
56.4981


 158.5780, 27.3230,
56.4981


255.0000, 0.0000,
0.0000

 130.8660, 27.1811,
55.3685


 205.1050, 24.5982,
43.7579


 103.5670, 27.3285,
54.7537


 222.1280, 16.2059,
28.8287

 74.6210, 28.7808,
55.5834

 238.5640, 8.1029,
14.4144

 45.0880, 30.5226,
56.9278

 34.4640, 23.4352,
43.4431

 24.0680, 17.2215,
29.7584

 14.0850, 11.2971,

16.5885

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 158.5780, 27.3230,
56.4981

■ 158.5780, 27.3230,
56.4981

■ 145.4360, 32.8161,
68.0236

■ 171.7200, 21.8300,
44.9726

■ 131.7070, 38.5984,
80.0640

■ 185.4490, 16.0476,
32.9322

■ 118.5650, 44.0915,
91.5895

■ 198.5910, 10.5546,
21.4067

■ 105.5370, 50.0213,
103.0151

■ 211.6190, 4.6248,
9.9811

■ 92.3950, 55.5143,
114.5406

■ 225.3480, -1.1576,
-2.0592

■ 89.9330, 56.2350,
116.6998

■ 238.4900, -6.6506,
-13.5847

■ 242.2400, -7.5133,
-16.8735

■ 242.4680, -6.6397,
-17.0734

■ 242.6960, -5.7661,
-17.2734

Harmonies

Analogous

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



156.9970, 48.3155, -3.5054



158.5780, 27.3230, 56.4981



152.9570, 2.4862, 89.4917

Triad

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



158.5780, 27.3230, 56.4981



147.1610, -61.2114, 33.1848



130.7740, 39.0584, -114.6888

Complementary

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



158.5780, 27.3230, 56.4981



179.4220, -27.3230, -56.4981

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.



124.1620, 13.7241, -108.8901



158.5780, 27.3230, 56.4981



142.0180, -47.8299, -12.2938

Square

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



158.5780, 27.3230, 56.4981



150.9370, -47.7899, 68.4613



124.7700, -15.1696, -81.3593



132.1540, 59.5771, -115.8991

Rectangle

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



158.5780, 27.3230, 56.4981



149.7990, -14.6909, 92.2613



124.7700, -15.1696, -81.3593



128.7220, 31.1961, -112.8892

Sweetspot

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



158.5780, 27.3230, 56.4981



232.3520, 9.6865, 19.8623



130.0030, 45.8475, -5.2646



114.2710, 5.7824, 12.0403



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.



158.5780, 27.3230, 56.4981



166.7560, 37.5883, 77.3900



152.4220, 3.7360, 61.8969



105.4290, 2.7465, 5.7628



70.9780, 44.3808, 92.1043



19.3680, 12.1436, 25.1103

Inverse Universe

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



158.5780, 27.3230, 56.4981



166.7560, 37.5883, 77.3900



185.5780, -3.7360, -61.8969



105.4290, 2.7465, 5.7628



70.9780, 44.3808, 92.1043



19.3680, 12.1436, 25.1103

Previews

White Background



This preview shows how the YUV color 158.5780, 27.3230, 56.4981 looks on a white background.

Color Contrast Check

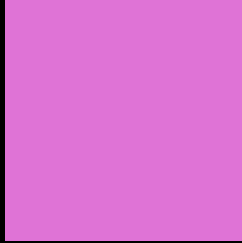
Large Text (above 18pt) WCAG AA × Fail

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 158.5780, 27.3230, 56.4981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

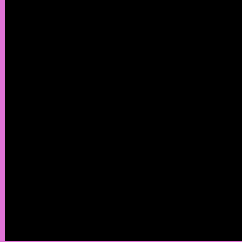
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.5780, 27.3230, 56.4981

Background



This preview shows how black text looks on a background with the YUV color 158.5780, 27.3230, 56.4981.



This preview shows how white text looks on a background with the YUV color 158.5780, 27.3230,

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

158.5780, 27.3230, 56.4981

Protanopia

153.9200, 44.9024, -28.8708

Deuteranopia

155.8670, 25.2086, -12.1614



Tritanopia

157.6580, -7.7194, 49.4119

Trichromacy



Original Color

158.5780, 27.3230, 56.4981



Protanomaly

155.5110, 38.6951, 2.1829



Deuteranomaly

156.6620, 26.2956, 12.5744



Tritanomaly

157.9970, 4.9315, 51.7456

Monochromacy



Original Color

158.5780, 27.3230, 56.4981



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.7650, 9.9759, 20.3771

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5780, 27.3230, 56.4981 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(223, 115, 214)` looks like.

```
.text, #text, p{  
    color:rgb(223, 115, 214)  
}
```

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(223, 115, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 115, 214) }
```

Border

The CSS property to change the border of an element to YUV 158.5780, 27.3230, 56.4981 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(223, 115, 214) }
```


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

```
.border{ border-color:rgb(223, 115, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 115, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 115, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 115, 214);  
box-shadow:4px 4px 4px 4px rgb(223, 115,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 158.5780, 27.3230, 56.4981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 115, 214) }
```

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

```
.background{ background-color: rgb(223,  
115, 214) }
```

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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