

Converting Colors

YUV(157.8980, 28.6443,
52.7095)

Have a look what the booklet for
YUV(157.8980, 28.6443, 52.7095)
contains.

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Color

**YUV(157.8980, 28.6443,
52.7095)**

Conversions

Conversions Part 1

Format	Color
Hex	DA74D8
RGB	218, 116, 216
RGB Percent	85%, 45%, 85%
CMY	0.1451, 0.5451, 0.1529
CMYK	0.00, 0.47, 0.01, 0.15
HSL	301°, 58%, 65%
HSV	301°, 47%, 85%
XYZ	47.5535, 32.3541, 68.7044
YIQ	157.8980, 28.6920, 52.7240

Conversions

Conversions Part 2

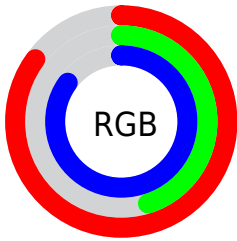
Format	Color
R_{YB}	218, 116, 216
Decimal	14316760
CIE _{Lab}	63.63, 53.68, -34.24
CIE _{LCh}	64, 63.673, 327.468
Yxy	32.3541, 0.3200, 0.2177
Android (android.graphics.Color)	4292506840 (0xFFDA74D8)
YUV	157.8980, 28.6443, 52.7095
Hunter-Lab	56.8806, 49.6889, -31.7981

Details

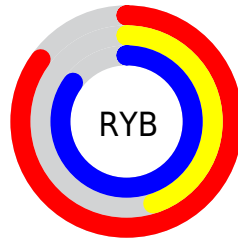
The YUV color **157.8980, 28.6443, 52.7095** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **176.1020, -28.6443, -52.7095**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6920, 24.3088, 43.2431**, and **102.8870, 28.6497, 50.9651** is the 20% darker color. If you saturate the color by 10%, you get **144.9840, 35.0109, 64.0350**, and if you desaturate by 10%, it is **170.8120, 22.2777, 41.3839**.

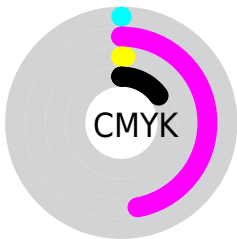
Distribution



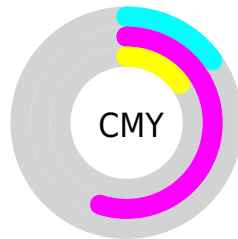
- Red (85%)
- Green (45%)
- Blue (85%)



- Red (85%)
- Yellow (45%)
- Blue (85%)



- Cyan (0%)
- Magenta (47%)
- Yellow (1%)
- Black (15%)




- Cyan (15%)
- Magenta (55%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 157.8980, 28.6443, 52.7095 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 157.8980, 28.6443, 52.7095 by changing the saturation by 10% instead.

 157.8980, 28.6443,
52.7095


 157.8980, 28.6443,
52.7095


255.0000, 0.0000,
0.0000


 130.1860, 28.5023,
51.5799

 205.6920, 24.3088,
43.2431


 102.8870, 28.6497,
50.9651


 222.1280, 16.2059,
28.8287

 74.4140, 29.3759,
51.3799

 239.1510, 7.8136,
13.8996

 44.1200, 31.9858,
54.2688

 33.4960, 24.8985,
40.7840

 23.2850, 18.1005,
27.8141

 12.7040, 12.4709,

13.4146

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 157.8980, 28.6443,
52.7095

■ 157.8980, 28.6443,
52.7095

■ 144.9840, 35.0109,
64.0350

■ 170.8120, 22.2777,
41.3839

■ 131.9560, 40.9407,
75.4606

■ 183.8400, 16.3479,
29.9583

■ 119.6290, 47.0179,
86.2714

■ 196.1670, 10.2707,
19.1475

■ 106.6010, 52.9477,
97.6969

■ 209.1950, 4.3409,
7.7220

93.6870, 59.3143,
109.0225

222.1090, -2.0257,
-3.6036

89.5780, 61.3400,
112.6261

235.1370, -7.9555,
-15.0291

239.8330,
-10.2707, -19.1475

239.9470, -9.8339,
-19.2475

Harmonies

Analogous

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



155.1920, 49.2053, -8.9384



157.8980, 28.6443, 52.7095



152.4020, 4.2388, 87.3474

Triad

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



157.8980, 28.6443, 52.7095



146.6990, -60.4906, 35.3440



129.6170, 37.1638, -113.6741

Complementary

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



157.8980, 28.6443, 52.7095



176.1020, -28.6443, -52.7095

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.



123.0050, 11.8295, -107.8754



157.8980, 28.6443, 52.7095



141.6980, -49.1511, -8.5051

Square

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



157.8980, 28.6443, 52.7095



149.8170, -45.7588, 70.3205



127.0270, -18.2543, -71.9377



131.1110, 58.1193, -114.9843

Rectangle

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



157.8980, 28.6443, 52.7095



149.5540, -13.0911, 92.4761



127.0270, -18.2543, -71.9377



127.5650, 29.3015, -111.8745

Sweetspot

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



157.8980, 28.6443, 52.7095



233.7540, 9.9813, 18.6327



128.2260, 44.2586, -8.9682



114.9720, 5.9298, 11.4256



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.



157.8980, 28.6443, 52.7095



170.7170, 40.0725, 73.9162



152.0840, 6.3676, 57.8083



103.4290, 2.7465, 5.7628



71.1070, 48.7542, 89.3602



18.8840, 12.8752, 23.7807

Inverse Universe

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



157.8980, 28.6443, 52.7095



170.7170, 40.0725, 73.9162



181.9160, -6.3676, -57.8083



103.4290, 2.7465, 5.7628



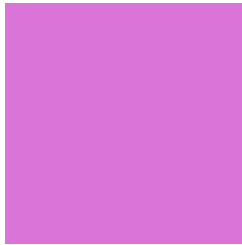
71.1070, 48.7542, 89.3602



18.8840, 12.8752, 23.7807

Previews

White Background



This preview shows how the YUV color 157.8980, 28.6443, 52.7095 looks on a white background.

Color Contrast Check

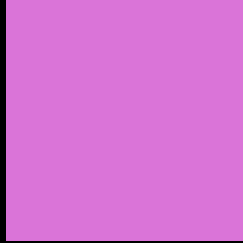
Large Text (above 18pt) WCAG AA × Fail

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 157.8980, 28.6443, 52.7095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

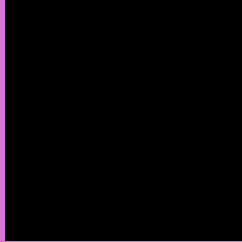
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.8980, 28.6443, 52.7095

Background



This preview shows how black text looks on a background with the YUV color 157.8980, 28.6443, 52.7095.



This preview shows how white text looks on a background with the YUV color 157.8980, 28.6443, 52.7095.

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

157.8980, 28.6443, 52.7095

Protanopia

152.1480, 45.7760, -29.0708

Deuteranopia

154.3120, 26.9612, -14.3056



Tritanopia

156.8640, -6.8350, 45.7233

Trichromacy



Original Color

157.8980, 28.6443, 52.7095



Protanomaly

154.0270, 39.4267, 0.8533



Deuteranomaly

155.6940, 27.7589, 9.9154



Tritanomaly

157.3170, 6.2527, 47.9570

Monochromacy



Original Color

157.8980, 28.6443, 52.7095



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

158.1670, 10.2707, 19.1475

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8980, 28.6443, 52.7095 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(218, 116, 216)` looks like.

```
.text, #text, p{  
    color:rgb(218, 116, 216)  
}
```

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(218, 116, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 116, 216) }
```

Border

The CSS property to change the border of an element to YUV 157.8980, 28.6443, 52.7095 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(218, 116, 216) }
```


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

```
.border{ border-color:rgb(218, 116, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 116, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 116, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 116, 216);  
box-shadow:4px 4px 4px 4px rgb(218, 116,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 157.8980, 28.6443, 52.7095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 116, 216) }
```

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

```
.background{ background-color: rgb(218,  
116, 216) }
```

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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