

Converting Colors

YUV(160.1320, 27.0499,
50.7502)

Have a look what the booklet for
YUV(160.1320, 27.0499, 50.7502)
contains.

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Color

**YUV(160.1320, 27.0499,
50.7502)**

Conversions

Conversions Part 1

Format	Color
Hex	DA78D7
RGB	218, 120, 215
RGB Percent	85%, 47%, 84%
CMY	0.1451, 0.5294, 0.1569
CMYK	0.00, 0.45, 0.01, 0.15
HSL	302°, 57%, 66%
HSV	302°, 45%, 85%
XYZ	47.8957, 33.2447, 68.1825
YIQ	160.1320, 27.9130, 50.3210

Conversions

Conversions Part 2

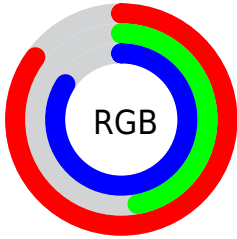
Format	Color
RYB	218, 120, 215
Decimal	14317783
CIELab	64.36, 51.51, -32.56
CIELCh	64, 60.937, 327.705
Yxy	33.2447, 0.3208, 0.2226
Android (android.graphics.Color)	4292507863 (0xFFDA78D7)
YUV	160.1320, 27.0499, 50.7502
Hunter-Lab	57.6582, 47.3750, -29.7514

Details

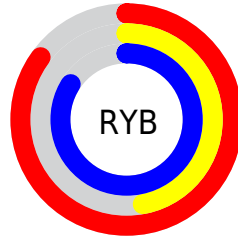
The YUV color **160.1320, 27.0499, 50.7502** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **177.8680, -27.0499, -50.7502**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0400, 23.1513, 41.1839**, and **105.7080, 26.7660, 48.4911** is the 20% darker color. If you saturate the color by 10%, you get **147.1040, 32.9797, 62.1758**, and if you desaturate by 10%, it is **173.1600, 21.1201, 39.3247**.

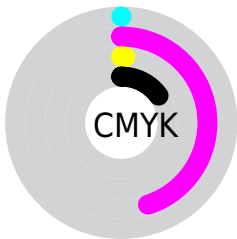
Distribution



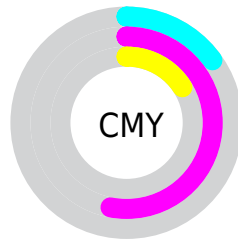
- Red (85%)
- Green (47%)
- Blue (84%)



- Red (85%)
- Yellow (47%)
- Blue (84%)



- Cyan (0%)
- Magenta (45%)
- Yellow (1%)
- Black (15%)



- Cyan (15%)
- Magenta (53%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.1320, 27.0499, 50.7502 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 160.1320, 27.0499, 50.7502 by changing the saturation by 10% instead.

160.1320, 27.0499,
50.7502

160.1320, 27.0499,
50.7502

255.0000, 0.0000,
0.0000

132.4200, 26.9079,
49.6207

208.0400, 23.1513,
41.1839

105.7080, 26.7660,
48.4911

224.4760, 15.0483,
26.7695

77.8220, 27.2028,
48.3911

241.4990, 6.6560,
11.8404

45.1800, 30.9703,
53.3391

33.3820, 24.4617,
40.8840

23.2850, 18.1005,
27.8141

13.1880, 11.7393,

14.7441

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 160.1320, 27.0499,
50.7502

■ 160.1320, 27.0499,
50.7502

■ 147.1040, 32.9797,
62.1758

■ 173.1600, 21.1201,
39.3247

■ 134.1900, 39.3463,
73.5014

■ 186.0740, 14.7535,
27.9991

■ 121.7490, 44.9867,
84.4121

■ 198.5150, 9.1131,
17.0883

■ 108.7210, 50.9165,
95.8377

■ 211.5430, 3.1833,
5.6628

■ 95.8070, 57.2831,
107.1633

■ 224.4570, -3.1833,
-5.6628

■ 89.2360, 60.0297,
112.9260

■ 237.4850, -9.1131,
-17.0883

■ 239.9470, -9.8339,
-19.2475

■ 240.0610, -9.3971,
-19.3475

Harmonies

Analogous

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



157.3340, 47.1633, -7.3089



160.1320, 27.0499, 50.7502



155.2660, 3.8129, 83.9587

Triad

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



160.1320, 27.0499, 50.7502



149.5400, -55.9752, 33.7294



130.2040, 36.8744, -114.1889

Complementary

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



160.1320, 27.0499, 50.7502



177.8680, -27.0499, -50.7502

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.



123.9340, 12.8505, -108.6901



160.1320, 27.0499, 50.7502



144.7950, -46.2409, -8.5902

Square

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



160.1320, 27.0499, 50.7502



152.5500, -44.1481, 67.0467



131.4730, -17.9812, -66.1898



131.4700, 56.9563, -115.2992

Rectangle

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



160.1320, 27.0499, 50.7502



153.4180, -13.5171, 89.0874



131.4730, -17.9812, -66.1898



128.2660, 29.4489, -112.4893

Sweetspot

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



160.1320, 27.0499, 50.7502



235.5150, 9.1131, 17.0883



131.7700, 42.5114, -8.5683



115.5590, 5.6404, 10.9108



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.



160.1320, 27.0499, 50.7502



173.5380, 38.1888, 71.4422



154.6600, 6.0836, 55.5492



103.4290, 2.7465, 5.7628



70.8790, 47.8807, 89.5601



18.7700, 12.4384, 23.8807

Inverse Universe

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



160.1320, 27.0499, 50.7502



173.5380, 38.1888, 71.4422



183.3400, -6.0836, -55.5492



103.4290, 2.7465, 5.7628



70.8790, 47.8807, 89.5601



18.7700, 12.4384, 23.8807

Previews

White Background



This preview shows how the YUV color 160.1320, 27.0499, 50.7502 looks on a white background.

Color Contrast Check

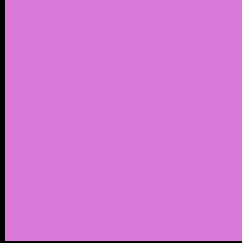
Large Text (above 18pt) WCAG AA × Fail

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 160.1320, 27.0499, 50.7502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

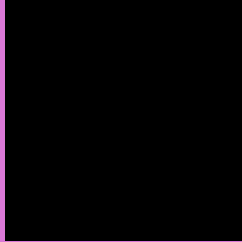
Any Text WCAG AA ✓ Pass

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 160.1320, 27.0499, 50.7502 Background



This preview shows how black text looks on a background with the YUV color 160.1320, 27.0499, 50.7502.



This preview shows how white text looks on a background with the YUV color 160.1320, 27.0499, 50.7502.

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

160.1320, 27.0499, 50.7502

Protanopia

155.0620, 42.8604, -27.2414

Deuteranopia

156.9810, 25.6454, -12.2613



Tritanopia

158.9670, -6.3927, 43.8789

Trichromacy



Original Color

160.1320, 27.0499, 50.7502



Protanomaly

157.0440, 36.9533, 0.8384



Deuteranomaly

158.2380, 26.0117, 10.3153



Tritanomaly

159.1920, 5.8213, 46.3126

Monochromacy



Original Color

160.1320, 27.0499, 50.7502



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

159.7540, 9.9813, 18.6327

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.1320, 27.0499, 50.7502 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, 120, 215)` looks like.

```
.text, #text, p{  
    color:rgb(218, 120, 215)  
}
```

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, 120, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 120, 215) }
```

Border

The CSS property to change the border of an element to YUV 160.1320, 27.0499, 50.7502 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, 120, 215) }
```


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

```
.border{ border-color:rgb(218, 120, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 120, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 120, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 120, 215);  
box-shadow:4px 4px 4px 4px rgb(218, 120,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 160.1320, 27.0499, 50.7502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 120, 215) }
```

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

```
.background{ background-color: rgb(218,  
120, 215) }
```

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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