

Converting Colors

YUV(160.6020, 27.3112,
13.5040)

Have a look what the booklet for
YUV(160.6020, 27.3112, 13.5040)
contains.

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Color

**YUV(160.6020, 27.3112,
13.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	B08ED8
RGB	176, 142, 216
RGB Percent	69%, 56%, 85%
CMY	0.3098, 0.4431, 0.1529
CMYK	0.19, 0.34, 0.00, 0.15
HSL	268°, 49%, 70%
HSV	268°, 34%, 85%
XYZ	39.9722, 33.5340, 69.3317
YIQ	160.6020, -3.4900, 30.2220

Conversions

Conversions Part 2

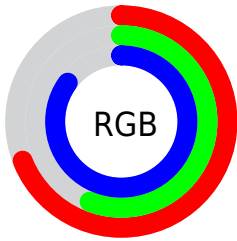
Format	Color
R _Y B	176, 142, 216
Decimal	11570904
CIE Lab	64.59, 27.23, -33.11
CIE LCh	65, 42.873, 309.434
Yxy	33.5340, 0.2798, 0.2348
Android (android.graphics.Color)	4289760984 (0xFFB08ED8)
YUV	160.6020, 27.3112, 13.5040
Hunter-Lab	57.9085, 21.8722, -30.4497

Details

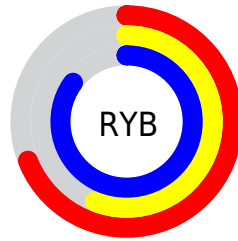
The YUV color **160.6020, 27.3112, 13.5040** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **197.3980, -27.3112, -13.5040**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4900, 20.4644, 16.2333**, and **108.2490, 26.0062, 12.0596** is the 20% darker color. If you saturate the color by 10%, you get **144.1000, 35.4467, 17.4523**, and if you desaturate by 10%, it is **177.1040, 19.1757, 9.5558**.

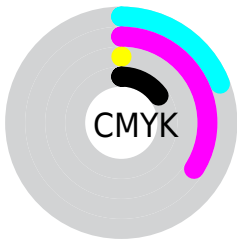
Distribution



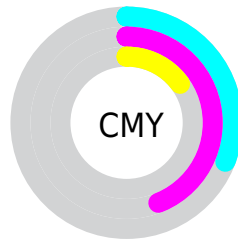
- Red (69%)
- Green (56%)
- Blue (85%)



- Red (69%)
- Yellow (56%)
- Blue (85%)



- Cyan (19%)
- Magenta (34%)
- Yellow (0%)
- Black (15%)



- Cyan (31%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.6020, 27.3112, 13.5040 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 160.6020, 27.3112, 13.5040 by changing the saturation by 10% instead.

■ 160.6020, 27.3112,
13.5040

■ 160.6020, 27.3112,
13.5040

■ 255.0000, 0.0000,
0.0000

■ 134.0750, 26.5850,
13.0892

■ 213.4900, 20.4644,
16.2333

■ 108.2490, 26.0062,
12.0596

■ 236.8030, 8.9711,
15.9588

■ 83.3090, 24.9907,
11.1300

■ 253.8260, 0.5788,
1.0296

■ 59.4830, 24.4119,
10.1004

■ 37.1300, 23.1069,
8.6560

■ 13.8310, 23.2543,
8.0412

■ 4.3320, 16.5983,

-3.7992

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 160.6020, 27.3112,
13.5040

■ 160.6020, 27.3112,
13.5040

■ 144.1000, 35.4467,
17.4523

■ 177.1040, 19.1757,
9.5558

■ 128.4840, 43.1454,
21.5005

■ 192.7200, 11.4770,
5.5076

■ 111.9820, 51.2809,
25.4488

■ 209.2220, 3.3416,
1.5593

■ 96.0670, 59.1270,
28.8822

■ 225.1370, -4.5045,
-1.8741

79.8640, 67.1150,
33.4453

241.3400,
-12.4926, -6.4372

63.3620, 75.2505,
37.3935

247.8630,
-15.7085, -1.6339

54.2250, 79.7551,
39.2677

250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



153.0030, 38.9455, -31.5746



160.6020, 27.3112, 13.5040



160.6850, 11.4943, 46.7573

Triad

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



160.6020, 27.3112, 13.5040



155.2030, -34.6101, 41.0410



123.0510, 22.1599, -107.9157

Complementary

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



160.6020, 27.3112, 13.5040



197.3980, -27.3112, -13.5040

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.



139.7420, -5.7888, -56.7787



160.6020, 27.3112, 13.5040



152.2830, -36.1285, 14.6608

Square

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



160.6020, 27.3112, 13.5040



157.0000, -23.1710, 58.7590



147.5330, -25.4058, -18.0074



125.9810, 38.4634, -110.4853

Rectangle

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



160.6020, 27.3112, 13.5040



159.3740, -0.1844, 59.3080



147.5330, -25.4058, -18.0074



120.9820, 16.7709, -106.1012

Sweetspot

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



160.6020, 27.3112, 13.5040



236.1390, 9.2985, 4.2631



174.5030, 20.4580, -28.5051



115.9170, 5.9569, 2.7038



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.



160.6020, 27.3112, 13.5040



176.3220, 38.7883, 19.0116



171.3660, 22.0046, 35.6360



98.7490, 4.0677, 1.9741



42.8160, 63.1947, 30.8564



10.8820, 15.8342, 7.9965

Inverse Universe

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



168.6860, 6.5638, 41.4944



187.8930, 9.4198, 58.8528



186.6340, -22.0046, -35.6360



99.9730, 0.9993, 6.1627



61.6170, 14.9788, 95.9289



15.4790, 3.7079, 24.1359

Previews

White Background



This preview shows how the YUV color 160.6020, 27.3112, 13.5040 looks on a white background.

Color Contrast Check

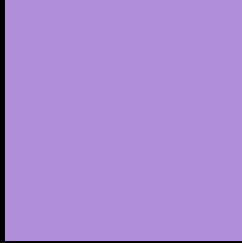
Large Text (above 18pt) WCAG AA × Fail

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 160.6020, 27.3112, 13.5040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

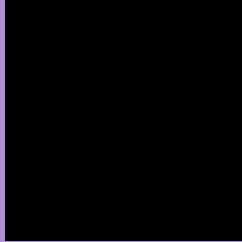
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.6020, 27.3112, 13.5040

Background



This preview shows how black text looks on a background with the YUV color 160.6020, 27.3112, 13.5040.



This preview shows how white text looks on a background with the YUV color 160.6020, 27.3112, 13.5040.

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

160.6020, 27.3112, 13.5040

Protanopia

156.2280, 34.3976, -19.4940

Deuteranopia

157.1270, 27.5454, -15.0204



Tritanopia

157.8530, 3.0305, 8.0219

Trichromacy



Original Color

160.6020, 27.3112, 13.5040

Protanomaly

157.9090, 31.5969, -7.8132

Deuteranomaly

158.1930, 27.5129, -4.5543

Tritanomaly

158.5680, 12.0450, 10.0259

Monochromacy



Original Color

160.6020, 27.3112, 13.5040

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.6660, 10.0247, 4.6779

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.6020, 27.3112, 13.5040 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(176, 142, 216)` looks like.

```
.text, #text, p{  
    color:rgb(176, 142, 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(176, 142, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 142, 216) }
```

Border

The CSS property to change the border of an element to YUV 160.6020, 27.3112, 13.5040 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(176, 142, 216) }
```


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

```
.border{ border-color:rgb(176, 142, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 142, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 142, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 142, 216);  
box-shadow:4px 4px 4px 4px rgb(176, 142,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 160.6020, 27.3112, 13.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 142, 216) }
```

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

```
.background{ background-color: rgb(176,  
142, 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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