

Converting Colors

YUV(160.6270, 19.4109,
27.5141)

Have a look what the booklet for
YUV(160.6270, 19.4109, 27.5141)
contains.

YUV(160.6270, 19.4109, 27.5141)	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(160.6270, 19.4109,
27.5141)**

Conversions

Conversions Part 1

Format	Color
Hex	C089C8
RGB	192, 137, 200
RGB Percent	75%, 54%, 78%
CMY	0.2471, 0.4627, 0.2157
CMYK	0.04, 0.32, 0.00, 0.22
HSL	292°, 36%, 66%
HSV	292°, 32%, 78%
XYZ	41.1092, 33.2679, 58.8982
YIQ	160.6270, 12.5570, 31.2530

Conversions

Conversions Part 2

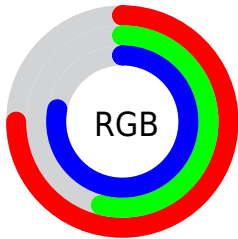
Format	Color
R_{YB}	192, 137, 200
Decimal	12618184
CIE _{Lab}	64.38, 31.67, -24.38
CIE _{LCh}	64, 39.968, 322.416
Yxy	33.2679, 0.3085, 0.2496
Android (android.graphics.Color)	4290808264 (0xFFC089C8)
YUV	160.6270, 19.4109, 27.5141
Hunter-Lab	57.6783, 26.2856, -20.1691

Details

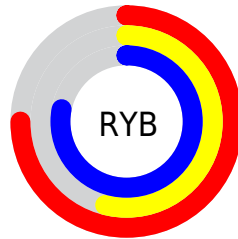
The YUV color **160.6270, 19.4109, 27.5141** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176.3730, -19.4109, -27.5141**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6380, 19.4055, 29.2585**, and **108.3880, 18.5427, 25.9697** is the 20% darker color. If you saturate the color by 10%, you get **147.9900, 25.6409, 35.9658**, and if you desaturate by 10%, it is **173.2640, 13.1808, 19.0625**.

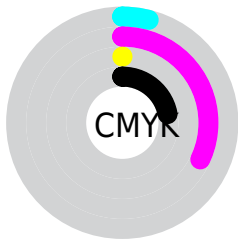
Distribution



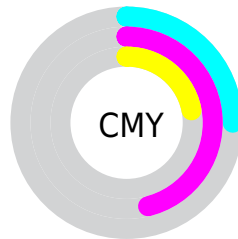
- Red (75%)
- Green (54%)
- Blue (78%)



- Red (75%)
- Yellow (54%)
- Blue (78%)



- Cyan (4%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.6270, 19.4109, 27.5141 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 160.6270, 19.4109, 27.5141 by changing the saturation by 10% instead.

160.6270, 19.4109,
27.5141

160.6270, 19.4109,
27.5141

255.0000, 0.0000,
0.0000

133.9150, 19.2689,
26.3845

215.6380, 19.4055,
29.2585

108.3880, 18.5427,
25.9697

233.8680, 10.4181,
18.5328

83.2630, 18.1113,
24.3253

250.8910, 2.0257,
3.6036

58.8500, 17.8220,
23.8106

34.8500, 17.8219,
23.8105

17.1330, 15.2174,
19.1774

3.6760, 11.4987,

-1.4699

■ 0.0000, 0.0000,
0.0000

■ 160.6270, 19.4109,
27.5141

■ 160.6270, 19.4109,
27.5141

■ 147.9900, 25.6409,
35.9658

■ 173.2640, 13.1808,
19.0625

■ 135.6520, 31.7236,
45.0322

■ 185.6020, 7.0982,
9.9960

■ 123.0150, 37.9536,
53.4838

■ 198.2390, 0.8682,
1.5444

■ 110.6770, 44.0362,
62.5503

■ 210.5770, -5.2145,
-7.5220

■ 98.0400, 50.2663,
71.0019

■ 223.2140,
-11.4445, -15.9737

85.7020, 56.3489,
80.0683

234.3780,
-16.9484, -24.0105

75.1250, 61.5634,
87.5904

235.2750,
-17.3906, -22.1662

235.8730,
-17.6854, -20.9366

236.7700,
-18.1276, -19.0923

Harmonies

Analogous

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



157.0120, 32.0391, -9.6575



160.6270, 19.4109, 27.5141



159.3560, 3.7685, 51.4308

Triad

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



160.6270, 19.4109, 27.5141



154.2400, -34.1353, 28.7305



123.4730, 28.8538, -108.2858

Complementary

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



160.6270, 19.4109, 27.5141



176.3730, -19.4109, -27.5141

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.



135.4120, 4.7269, -69.6443



160.6270, 19.4109, 27.5141



150.5740, -30.8490, 1.2506

Square

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



160.6270, 19.4109, 27.5141



156.2070, -27.2171, 49.8075



145.3340, -16.9267, -30.9879



124.5450, 43.1153, -109.2260

Rectangle

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



160.6270, 19.4109, 27.5141



158.5990, -8.1833, 58.2337



145.3340, -16.9267, -30.9879



122.1050, 23.6122, -107.0861

Sweetspot

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



160.6270, 19.4109, 27.5141



240.6020, 7.0982, 9.9960



148.8780, 25.2031, -10.4170



118.5970, 4.6357, 6.4924



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.



160.6270, 19.4109, 27.5141



194.4730, 29.8398, 42.5582



160.3970, 8.1853, 34.7318



93.4180, 2.7519, 4.0184



61.0400, 50.2663, 71.0019



13.3730, 11.1551, 15.4589

Inverse Universe

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



156.7490, -5.7923, 37.9311



188.3710, -9.0569, 58.4336



176.6030, -8.1853, -34.7318



92.8050, -0.8899, 5.4330



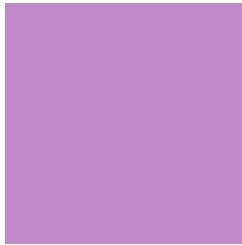
51.1310, -14.8546, 98.1091



11.3340, -3.1227, 21.6321

Previews

White Background



This preview shows how the YUV color 160.6270, 19.4109, 27.5141 looks on a white background.

Color Contrast Check

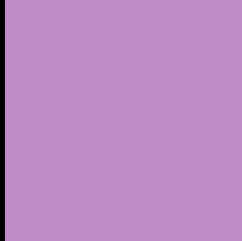
Large Text (above 18pt) WCAG AA × Fail

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 160.6270, 19.4109, 27.5141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

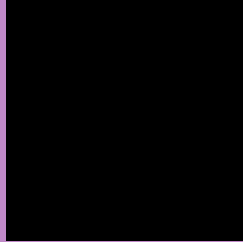
Any Text WCAG AA ✓ Pass

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 160.6270, 19.4109, 27.5141 Background



This preview shows how black text looks on a background with the YUV color 160.6270, 19.4109, 27.5141.



This preview shows how white text looks on a background with the YUV color 160.6270, 19.4109,

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

160.6270, 19.4109, 27.5141

Protanopia

156.2410, 27.9822, -15.1204

Deuteranopia

157.4180, 19.5139, -5.6286



Tritanopia

158.6270, -0.8021, 24.0061

Trichromacy



Original Color

160.6270, 19.4109, 27.5141

Protanomaly

157.8300, 24.7338, 0.1491

Deuteranomaly

158.4950, 19.4760, 6.5819

Tritanomaly

159.2880, 6.7600, 25.1804

Monochromacy



Original Color

160.6270, 19.4109, 27.5141

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.6020, 7.0982, 9.9960

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.6270, 19.4109, 27.5141 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(192, 137, 200)` looks like.

```
.text, #text, p{  
    color:rgb(192, 137, 200)  
}
```

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(192, 137, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 137, 200) }
```

Border

The CSS property to change the border of an element to YUV 160.6270, 19.4109, 27.5141 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(192, 137, 200) }
```


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

```
.border{ border-color:rgb(192, 137, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 137, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 137, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 137, 200);  
box-shadow:4px 4px 4px 4px rgb(192, 137,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 160.6270, 19.4109, 27.5141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 137, 200) }
```

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

```
.background{ background-color: rgb(192,  
137, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor