Converting Colors

YUV(146.2160, -4.0505, 39.2756)

Have a look what the booklet for YUV(146.2160, -4.0505, 39.2756) contains.

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Color

YUV(146.2160, -4.0505, 39.2756)

Conversions

Conversions Part 1

Format	Color
Hex	BF7D8A
RGB	191, 125, 138
RGB Percent	75%, 49%, 54%
CMY	0.2510, 0.5098, 0.4588
CMYK	0.00, 0.35, 0.28, 0.25
HSL	348°, 34%, 62%
HSV	348°, 35%, 75%
XYZ	33.4069, 27.5786, 27.6072
YIQ	146.2160, 35.1630, 18.0350

Conversions

Conversions Part 2

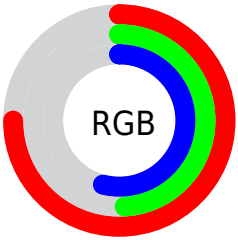
Format	Color
RYB	191, 125, 138
Decimal	12549514
CIELab	59.51, 27.40, 3.60
CIELCh	60, 27.638, 7.479
Yxy	27.5786, 0.3771, 0.3113
Android (android.graphics.Color)	4290739594 (0xFFBF7D8A)
YUV	146.2160, -4.0505, 39.2756
Hunter-Lab	52.5153, 21.6486, 5.5921

Details

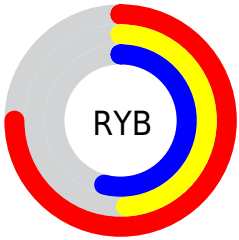
The YUV color 146.2160, -4.0505, 39.2756 is a dark color, and the websafe version is hex CC9999. A complement of this color would be 169.7840, 4.0505, -39.2756, and the grayscale version is 146.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 200.7110, -4.7875, 42.3495, and 94.7210, -3.3135, 36.2017 is the 20% darker color. If you saturate the color by 10%, you get 133.3530, -5.1040, 50.5564, and if you desaturate by 10%, it is 159.0790, -2.9969, 27.9947.

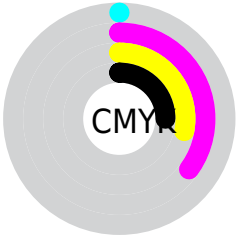
Distribution



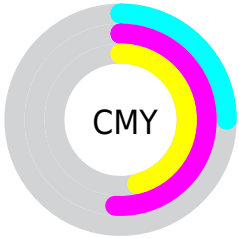
- Red (75%)
- Green (49%)
- Blue (54%)



- Red (75%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (35%)
- Yellow (28%)
- Black (25%)



- Cyan (25%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.2160, -4.0505, 39.2756 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 146.2160, -4.0505, 39.2756 by changing the saturation by 10% instead.

146.2160, -4.0505, 39.2756

255.0000, 0.0000, 0.0000

200.7110, -4.7875, 42.3495

222.1330, -1.5446, 28.8244

241.8750, 3.0196, 11.5106

146.2160, -4.0505, 39.2756

120.3190, -3.6083, 37.4312

94.7210, -3.3135, 36.2017

69.9380, -2.4344, 34.2574

46.4540, -1.7028, 32.9278

22.6110, 0.1918, 31.9132

11.7750, -5.3121, 23.8763

0.0000, 0.0000,

0.0000

146.2160, -4.0505, 39.2756

146.2160, -4.0505, 39.2756

133.3530, -5.1040, 50.5564

159.0790, -2.9969, 27.9947

120.3760, -6.5944, 61.9372

172.0560, -1.5066, 16.6139

107.5130, -7.6479, 73.2181

184.9190, -0.4531, 5.3330

94.6500, -8.7014, 84.4990

197.7820, 0.6005, -5.9478

81.0860, -9.9024, 96.3946

210.7590, 2.0908, -17.3286

68.2230, -10.9559, 107.6754

224.2090, 2.8550, -29.1243

61.4410, -11.5564, 113.6232

234.7240, 5.0661, -38.3459

235.8640, 9.4340, -39.3457

Harmonies

Analogous

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

147.1250, 7.3334, 27.9544

146.2160, -4.0505, 39.2756

144.7570, -14.6702, 38.8011

Triad

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

146.2160, -4.0505, 39.2756

138.7650, -17.1391, -9.4409

135.1850, 26.0378, -44.8892

Complementary

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

146.2160, -4.0505, 39.2756

169.7840, 4.0505, -39.2756

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.

129.4300, 20.9870, -58.2591

146.2160, -4.0505, 39.2756

134.7220, -5.2859, -31.3282

Square

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

146.2160, -4.0505, 39.2756

141.4040, -22.8772, 11.0467

130.9720, 8.8878, -50.8414

142.1820, 24.0673, -19.4536

Rectangle

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

146.2160, -4.0505, 39.2756

143.9320, -20.1795, 32.5086

130.9720, 8.8878, -50.8414

132.9130, 25.1859, -51.6667

Sweetspot

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

146.2160, -4.0505, 39.2756

230.6320, -1.7906, 14.3547

148.3710, 21.0161, 25.9846

114.8270, -0.9007, 8.9217

252.0000, 0.0000, 0.0000

125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

146.2160, -4.0505, 39.2756

178.4790, -6.1521, 60.0929

156.4740, -15.5167, 30.2793

87.9190, -0.4531, 5.3330

50.7760, -9.7496, 94.0354

9.9530, -1.9488, 18.4582

Inverse Universe

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

146.2160, -4.0505, 39.2756

178.4790, -6.1521, 60.0929

159.5260, 15.5167, -30.2793

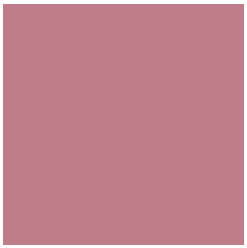
87.9190, -0.4531, 5.3330

50.7760, -9.7496, 94.0354

9.9530, -1.9488, 18.4582

Previews

White Background

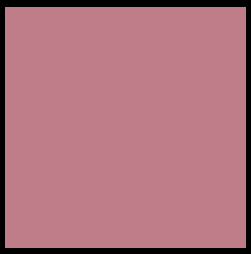


This preview shows how the YUV color 146.2160, -4.0505, 39.2756 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



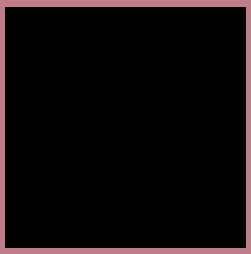
This preview shows how the YUV color 146.2160, -4.0505, 39.2756 looks on a black background.

Color Contrast Check

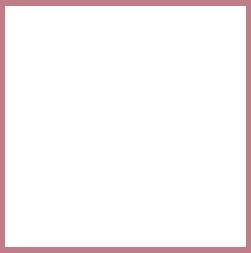
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

YUV 146.2160, -4.0505, 39.2756 Background



This preview shows how black text looks on a background with the YUV color 146.2160, -4.0505, 39.2756.



This preview shows how white text looks on a background with the YUV color 146.2160, -4.0505,

39.2756.

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

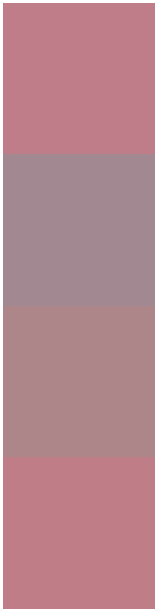
Original Color
146.2160, -4.0505, 39.2756

Protanopia
144.1680, 1.8892, 0.7297

Deuteranopia
145.2360, -4.5533, 13.8250

Tritanopia
145.8740, -5.3609, 39.5755

Trichromacy



Original Color
146.2160, -4.0505, 39.2756

Protanomaly
144.6860, -0.3382, 15.1844

Deuteranomaly
145.7040, -4.2911, 23.0616

Tritanomaly
145.9880, -4.9241, 39.4755

Monochromacy

Original Color
146.2160, -4.0505, 39.2756

Achromatopsia
146.0000, 0.0000, 0.0000

Achromatomaly
145.7460, -1.3538, 14.2548

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2160, -4.0505, 39.2756 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(191, 125, 138) looks like.

```
.text, #text, p{
    color:rgb(191, 125, 138)
}
```

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(191, 125, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 125, 138) }
```

Border

The CSS property to change the border of an element to YUV 146.2160, -4.0505, 39.2756 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(191, 125, 138) }
```

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

```
.border{ border-color:rgb(191, 125, 138) }
```

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

Here you see how a box with a 4 pixel rgb(191, 125, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 125, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 125, 138); box-shadow:4px 4px 4px 4px rgb(191, 125, 138) }
```

Background

The CSS property to change the background color of an element to YUV 146.2160, -4.0505, 39.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(191, 125, 138) }
```

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

```
.background{ background-color:rgb(191,
125, 138) }
```

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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