Converting Colors

YUV(163.0580, -7.9166, 19.2431)

Have a look what the booklet for YUV(163.0580, -7.9166, 19.2431) contains.

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Color

YUV(163.0580, -7.9166, 19.2431)

Conversions

Conversions Part 1

Format	Color
Hex	B99B93
RGB	185, 155, 147
RGB Percent	73%, 61%, 58%
CMY	0.2745, 0.3922, 0.4235
CMYK	0.00, 0.16, 0.21, 0.27
HSL	13°, 21%, 65%
HSV	13°, 21%, 73%
XYZ	36.9954, 35.8636, 32.5763
YIQ	163.0580, 20.4480, 3.8720

Conversions

Conversions Part 2

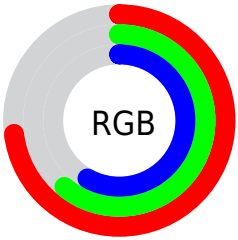
Format	Color
RYB	185, 157, 147
Decimal	12163987
CIELab	66.42, 9.83, 8.33
CIELCh	66, 12.884, 40.285
Yxy	35.8636, 0.3509, 0.3401
Android (android.graphics.Color)	4290354067 (0xFFB99B93)
YUV	163.0580, -7.9166, 19.2431
Hunter-Lab	59.8862, 5.4696, 9.6684

Details

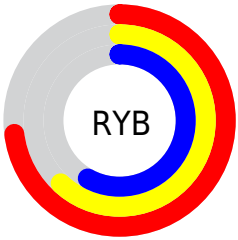
The YUV color 163.0580, -7.9166, 19.2431 is a light color, and the websafe version is hex CC9999. A complement of this color would be 168.9420, 7.9166, -19.2431, and the grayscale version is 163.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 217.6560, -8.2114, 20.4727, and 111.1610, -7.4744, 17.3988 is the 20% darker color. If you saturate the color by 10%, you get 152.2010, -11.4381, 28.7647, and if you desaturate by 10%, it is 173.9150, -4.3951, 9.7215.

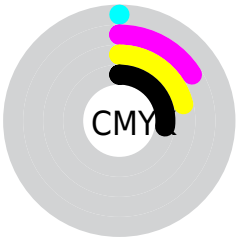
Distribution



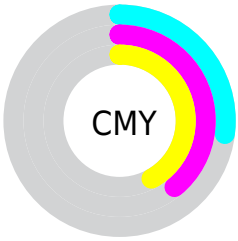
- Red (73%)
- Green (61%)
- Blue (58%)



- Red (73%)
- Yellow (62%)
- Blue (58%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (27%)



- Cyan (27%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.0580, -7.9166, 19.2431 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 163.0580, -7.9166, 19.2431 by changing the saturation by 10% instead.

163.0580, -7.9166, 19.2431

255.0000, 0.0000, 0.0000

217.6560, -8.2114, 20.4727

242.0570, -6.4371, 11.3510

163.0580, -7.9166, 19.2431

136.7590, -7.7692, 18.6284

111.1610, -7.4744, 17.3988

86.9760, -6.8902, 16.6840

63.3780, -6.5954, 15.4545

40.8940, -5.8637, 14.1250

19.4380, -7.6109, 14.5249

0.0000, 0.0000,

0.0000

163.0580, -7.9166, 19.2431

163.0580, -7.9166, 19.2431

152.2010, -11.4381, 28.7647

173.9150, -4.3951, 9.7215

141.8170, -15.6858, 37.8715

184.2990, -0.1474, 0.6148

130.8460, -19.6441, 47.4931

195.2700, 3.8109, -9.0068

120.5760, -23.4550, 56.4998

205.5400, 7.6218, -18.0136

109.6050, -27.4133, 66.1214

216.3970, 11.1433, -27.5352

98.7480, -30.9348, 75.6430

227.0260, 13.7912, -36.8568

88.3640, -35.1825, 84.7498

234.0700, 10.3185, -43.0344

78.2080, -38.5565, 93.6566

Harmonies

Analogous

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

164.0240, -2.9698, 19.2730

163.0580, -7.9166, 19.2431

161.9280, -10.8105, 14.0951

Triad

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

163.0580, -7.9166, 19.2431

158.2170, -2.5720, -15.0993

161.5290, 11.0782, -6.6029

Complementary

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

163.0580, -7.9166, 19.2431

168.9420, 7.9166, -19.2431

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.

159.8760, 11.4001, -16.5543

163.0580, -7.9166, 19.2431

157.1930, 3.8489, -21.2173

Square

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

163.0580, -7.9166, 19.2431

159.0180, -7.4039, -5.2778

157.8600, 8.9430, -21.8022

163.0960, 7.8407, 5.1778

Rectangle

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

163.0580, -7.9166, 19.2431

161.4820, -11.0836, 8.3473

157.8600, 8.9430, -21.8022

160.6210, 11.5258, -10.1916

Sweetspot

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

163.0580, -7.9166, 19.2431

231.2460, -3.0793, 7.6773

161.7820, 7.5025, 20.3622

114.8650, -1.9054, 4.5034

247.0000, 0.0000, 0.0000

120.0000, 0.0000, 0.0000

Same Dimension

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

163.0580, -7.9166, 19.2431

204.9840, -12.3171, 30.7090

174.2110, -13.4150, 9.4620

86.8650, -1.9054, 4.5034

66.0150, -32.5454, 78.9168

11.8940, -5.8637, 14.1250

Inverse Universe

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

168.9420, 7.9166, -19.2431

214.4290, 12.6065, -30.1942

157.7890, 13.4150, -9.4620

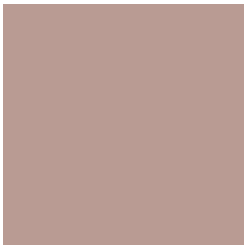
88.1350, 1.9054, -4.5034

89.9850, 32.5454, -78.9168

16.1060, 5.8637, -14.1250

Previews

White Background



This preview shows how the YUV color 163.0580, -7.9166, 19.2431 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 163.0580, -7.9166, 19.2431 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 163.0580, -7.9166, 19.2431

Background

This preview shows how black text looks on a background with the YUV color 163.0580, -7.9166, 19.2431.

This preview shows how white text looks on a background with the YUV color 163.0580, -7.9166,

19.2431.

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
163.0580, -7.9166, 19.2431

Protanopia
161.5400, -5.6892, 4.7884

Deuteranopia
163.0470, -7.9112, 17.4988

Tritanopia
163.8330, 0.0823, 20.3175

Trichromacy

Original Color
163.0580, -7.9166, 19.2431

Protanomaly
162.3450, -6.5791, 10.2214

Deuteranomaly
163.3460, -8.0586, 18.1136

Tritanomaly
163.4370, -2.6804, 19.7878

Monochromacy

Original Color
163.0580, -7.9166, 19.2431

Achromatopsia
163.0000, 0.0000, 0.0000

Achromatomaly
162.9470, -2.9319, 7.0625

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.0580, -7.9166, 19.2431 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(185, 155, 147) looks like.

```
.text, #text, p{
    color:rgb(185, 155, 147)
}
```

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(185, 155, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 155, 147) }
```

Border

The CSS property to change the border of an element to YUV 163.0580, -7.9166, 19.2431 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(185, 155, 147) }
```

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

```
.border{ border-color:rgb(185, 155, 147) }
```

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

Here you see how a box with a 4 pixel rgb(185, 155, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 155, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 155, 147); box-shadow:4px 4px 4px 4px rgb(185, 155, 147) }
```

Background

The CSS property to change the background color of an element to YUV 163.0580, -7.9166, 19.2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(185, 155, 147) }
```

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

```
.background{ background-color:rgb(185, 155, 147) }
```

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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