

Converting Colors

YUV(168.6290, 19.9029,
56.4534)

Have a look what the booklet for
YUV(168.6290, 19.9029, 56.4534)
contains.

YUV(168.6290, 19.9029, 56.4534)	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(168.6290, 19.9029,
56.4534)**

Conversions

Conversions Part 1

Format	Color
Hex	E980D1
RGB	233, 128, 209
RGB Percent	91%, 50%, 82%
CMY	0.0863, 0.4980, 0.1804
CMYK	0.00, 0.45, 0.10, 0.09
HSL	314°, 70%, 71%
HSV	314°, 45%, 91%
XYZ	52.8321, 37.3654, 64.7493
YIQ	168.6290, 36.5790, 47.4510

Conversions

Conversions Part 2

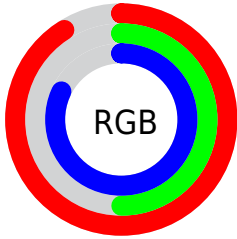
Format	Color
R _Y B	233, 128, 209
Decimal	15302865
CIE Lab	67.55, 50.98, -24.13
CIE LCh	68, 56.402, 334.667
Yxy	37.3654, 0.3410, 0.2412
Android (android.graphics.Color)	4293492945 (0xFFE980D1)
YUV	168.6290, 19.9029, 56.4534
Hunter-Lab	61.1273, 47.3042, -20.0141

Details

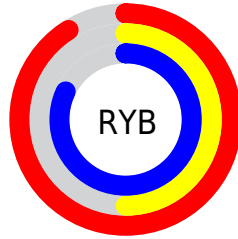
The YUV color **168.6290, 19.9029, 56.4534** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **192.3710, -19.9029, -56.4534**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7360, 20.8362, 37.0655**, and **113.3190, 20.0557, 54.0942** is the 20% darker color. If you saturate the color by 10%, you get **154.5580, 24.3749, 68.7936**, and if you desaturate by 10%, it is **182.7000, 15.4309, 44.1131**.

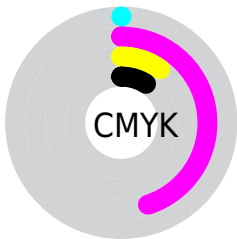
Distribution



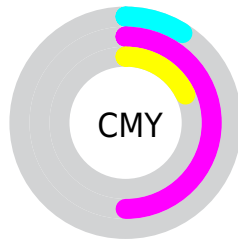
- Red (91%)
- Green (50%)
- Blue (82%)



- Red (91%)
- Yellow (50%)
- Blue (82%)



- Cyan (0%)
- Magenta (45%)
- Yellow (10%)
- Black (9%)





- Cyan (9%)
- Magenta (50%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.6290, 19.9029, 56.4534 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 168.6290, 19.9029, 56.4534 by changing the saturation by 10% instead.


 168.6290, 19.9029,
56.4534


 168.6290, 19.9029,
56.4534


255.0000, 0.0000,
0.0000

 140.9170, 19.7609,
55.3238


 212.7360, 20.8362,
37.0655


 113.3190, 20.0557,
54.0942


 229.7590, 12.4438,
22.1364

 86.1340, 20.6399,
53.3795

 246.7820, 4.0515,
7.2072

 56.4270, 22.9605,
55.7535

 36.8130, 20.7982,
49.2760

 26.3030, 14.1476,
35.6913

 17.0320, 8.3652,

23.6509

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 168.6290, 19.9029,
56.4534

■ 168.6290, 19.9029,
56.4534

■ 154.5580, 24.3749,
68.7936

■ 182.7000, 15.4309,
44.1131

■ 139.7860, 28.6995,
81.7487

■ 197.4720, 11.1063,
31.1581

■ 125.7150, 33.1715,
94.0889

■ 211.5430, 6.6343,
18.8178

■ 111.6440, 37.6435,
106.4292

■ 225.6140, 2.1623,
6.4775

■ 97.4590, 41.6787,
118.8695

■ 239.7990, -1.8729,
-5.9627

■ 90.1870, 44.2778,
125.2470

■ 246.8260, -2.8722,
-12.1254

■ 247.3960, -0.6882,
-12.6253

■ 248.0800, 1.9326,
-13.2252

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



168.3700, 39.2576, 8.4455



168.6290, 19.9029, 56.4534



164.2240, -2.5754, 79.6106

Triad

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



168.6290, 19.9029, 56.4534



158.0810, -49.8329, 23.6080



135.5500, 42.1268, -118.8774

Complementary

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



168.6290, 19.9029, 56.4534



192.3710, -19.9029, -56.4534

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.



131.0240, 19.7082, -114.9080



168.6290, 19.9029, 56.4534



152.6180, -37.7727, -18.0820

Square

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



168.6290, 19.9029, 56.4534



161.6690, -44.6998, 57.2953



138.8940, -9.8077, -74.4520



135.3170, 59.0037, -118.6730

Rectangle

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



168.6290, 19.9029, 56.4534



162.6960, -18.5841, 80.9506



138.8940, -9.8077, -74.4520



134.3130, 34.8487, -117.7925

Sweetspot

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



168.6290, 19.9029, 56.4534



232.9560, 6.9237, 19.3326



146.8470, 42.4734, 3.6422



114.5160, 4.1826, 11.8255



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.



168.6290, 19.9029, 56.4534



170.4600, 26.3952, 74.1416



162.8150, -2.3738, 61.5522



110.3150, 2.3097, 5.8627



70.0790, 34.4711, 97.2777



20.8200, 9.9487, 29.0989

Inverse Universe

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



168.6290, 19.9029, 56.4534



170.4600, 26.3952, 74.1416



198.1850, 2.3738, -61.5522



110.3150, 2.3097, 5.8627



70.0790, 34.4711, 97.2777



20.8200, 9.9487, 29.0989

Previews

White Background



This preview shows how the YUV color 168.6290, 19.9029, 56.4534 looks on a white background.

Color Contrast Check

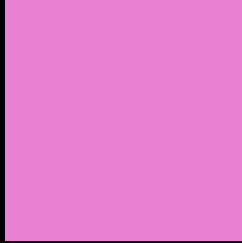
Large Text (above 18pt) WCAG AA × Fail

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 168.6290, 19.9029, 56.4534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

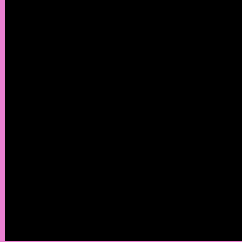
Any Text WCAG AA ✓ Pass

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 168.6290, 19.9029, 56.4534 Background



This preview shows how black text looks on a background with the YUV color 168.6290, 19.9029, 56.4534.



This preview shows how white text looks on a background with the YUV color 168.6290, 19.9029,

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

168.6290, 19.9029, 56.4534

Protanopia

164.9290, 34.5450, -20.1087

Deuteranopia

166.0870, 18.1981, -3.5843



Tritanopia

166.9680, -7.8722, 51.7711

Trichromacy



Original Color

168.6290, 19.9029, 56.4534



Protanomaly

166.1390, 29.5115, 7.7711



Deuteranomaly

167.0450, 18.7118, 18.3775



Tritanomaly

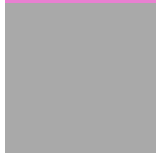
167.9110, 2.0159, 53.5751

Monochromacy



Original Color

168.6290, 19.9029, 56.4534



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.7820, 7.5025, 20.3622

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6290, 19.9029, 56.4534 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(233, 128, 209)` looks like.

```
.text, #text, p{  
    color:rgb(233, 128, 209)  
}
```

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(233, 128, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 128, 209) }
```

Border

The CSS property to change the border of an element to YUV 168.6290, 19.9029, 56.4534 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(233, 128, 209) }
```


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

```
.border{ border-color:rgb(233, 128, 209) }
```

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

Here you see how a box with a 4 pixel rgb(233, 128, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 128, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 128, 209);  
box-shadow:4px 4px 4px 4px rgb(233, 128,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 168.6290, 19.9029, 56.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 128, 209) }
```

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

```
.background{ background-color: rgb(233,  
128, 209) }
```

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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