

Converting Colors

YUV(164.5980, 13.5092,
53.8496)

Have a look what the booklet for
YUV(164.5980, 13.5092, 53.8496)
contains.

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Color

**YUV(164.5980, 13.5092,
53.8496)**

Conversions

Conversions Part 1

Format	Color
Hex	E280C0
RGB	226, 128, 192
RGB Percent	89%, 50%, 75%
CMY	0.1137, 0.4980, 0.2471
CMYK	0.00, 0.43, 0.15, 0.11
HSL	321°, 63%, 69%
HSV	321°, 43%, 89%
XYZ	48.5976, 35.4129, 54.1432
YIQ	164.5980, 37.8640, 40.6800

Conversions

Conversions Part 2

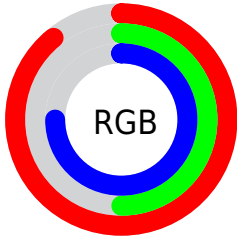
Format	Color
R_{YB}	226, 128, 192
Decimal	14844096
CIE _{Lab}	66.07, 46.07, -16.95
CIE _{LCh}	66, 49.092, 339.800
Yxy	35.4129, 0.3518, 0.2563
Android (android.graphics.Color)	4293034176 (0xFFE280C0)
YUV	164.5980, 13.5092, 53.8496
Hunter-Lab	59.5087, 41.6313, -12.2881

Details

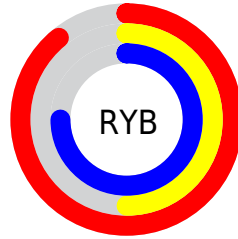
The YUV color **164.5980, 13.5092, 53.8496** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **189.4020, -13.5092, -53.8496**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9380, 17.7786, 37.7654**, and **110.2880, 13.6620, 51.4904** is the 20% darker color. If you saturate the color by 10%, you get **150.1850, 16.6708, 66.4898**, and if you desaturate by 10%, it is **179.0110, 10.3476, 41.2094**.

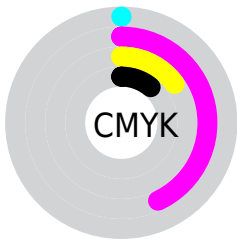
Distribution



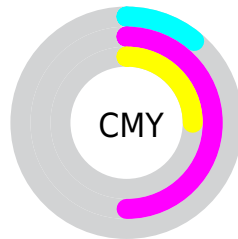
- Red (89%)
- Green (50%)
- Blue (75%)



- Red (89%)
- Yellow (50%)
- Blue (75%)



- Cyan (0%)
- Magenta (43%)
- Yellow (15%)
- Black (11%)




- Cyan (11%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 164.5980, 13.5092, 53.8496 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 164.5980, 13.5092, 53.8496 by changing the saturation by 10% instead.


 164.5980, 13.5092,
53.8496


 164.5980, 13.5092,
53.8496


255.0000, 0.0000,
0.0000


 137.0000, 13.8040,
52.6200


 211.9380, 17.7786,
37.7654


 110.2880, 13.6620,
51.4904


 229.1720, 12.7332,
22.6512

 83.8040, 14.3936,
50.1609

 246.1950, 4.3409,
7.7220

 55.8580, 15.8460,
50.9905

 33.4230, 15.5675,
46.9870

 23.4400, 9.6431,
33.8171

 13.8700, 4.0081,

21.1620

■ 0.0000, 0.0000,
0.0000

■ 164.5980, 13.5092,
53.8496

■ 164.5980, 13.5092,
53.8496

■ 150.1850, 16.6708,
66.4898

■ 179.0110, 10.3476,
41.2094

■ 136.3590, 19.5430,
78.6152

■ 192.8370, 7.4754,
29.0840

■ 121.9460, 22.7046,
91.2554

■ 207.2500, 4.3138,
16.4438

■ 108.2340, 26.0136,
103.2808

■ 220.9620, 1.0047,
4.4183

■ 93.8210, 29.1752,
115.9210

■ 235.3750, -2.1569,
-8.2219

■ 84.4460, 31.3321,
124.1429

■ 244.5050, -2.7140,
-16.2289

■ 245.4170, 0.7804,
-17.0287

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



164.7640, 31.6683, 15.9930



164.5980, 13.5092, 53.8496



161.7300, -6.7689, 71.2738

Triad

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



164.5980, 13.5092, 53.8496



155.3880, -42.0963, 15.4457



130.8710, 41.9686, -114.7739

Complementary

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



164.5980, 13.5092, 53.8496



189.4020, -13.5092, -53.8496

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.



127.2570, 23.0443, -111.6044



164.5980, 13.5092, 53.8496



149.7730, -29.4681, -21.7259

Square

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



164.5980, 13.5092, 53.8496



158.1560, -40.0099, 46.3442



138.2950, -4.5824, -70.4187



129.2530, 56.0773, -113.3549

Rectangle

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



164.5980, 13.5092, 53.8496



160.7610, -20.5882, 70.3696



138.2950, -4.5824, -70.4187



129.9760, 36.0008, -113.9890

Sweetspot

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



164.5980, 13.5092, 53.8496



234.2610, 4.3083, 18.1881



149.0390, 37.9418, 10.4898



114.7610, 2.5828, 11.6106



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.



164.5980, 13.5092, 53.8496



171.6850, 18.3963, 73.0673



159.1260, -7.4571, 58.6485



105.0870, 1.4361, 6.0627



65.7340, 24.2881, 96.7033



18.0000, 6.9020, 26.3100

Inverse Universe

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



164.5980, 13.5092, 53.8496



171.6850, 18.3963, 73.0673



194.8740, 7.4571, -58.6485



105.0870, 1.4361, 6.0627



65.7340, 24.2881, 96.7033



18.0000, 6.9020, 26.3100

Previews

White Background



This preview shows how the YUV color 164.5980, 13.5092, 53.8496 looks on a white background.

Color Contrast Check

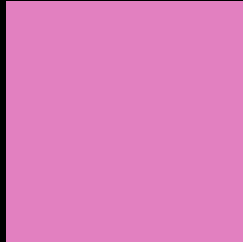
Large Text (above 18pt) WCAG AA × Fail

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 164.5980, 13.5092, 53.8496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

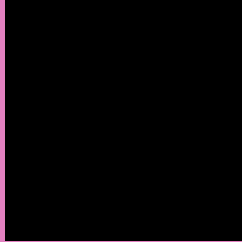
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.5980, 13.5092, 53.8496

Background



This preview shows how black text looks on a background with the YUV color 164.5980, 13.5092, 53.8496.



This preview shows how white text looks on a background with the YUV color 164.5980, 13.5092, 53.8496.

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

164.5980, 13.5092, 53.8496

Protanopia

161.3830, 25.9402, -13.4909

Deuteranopia

162.5130, 12.0721, 1.3041



Tritanopia

163.2560, -8.0142, 50.6415

Trichromacy



Original Color

164.5980, 13.5092, 53.8496



Protanomaly

162.6850, 21.3543, 10.8003



Deuteranomaly

163.1610, 12.7386, 20.9068



Tritanomaly

163.9170, -0.4521, 51.8158

Monochromacy



Original Color

164.5980, 13.5092, 53.8496



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.0870, 4.8871, 19.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.5980, 13.5092, 53.8496 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(226, 128, 192)` looks like.

```
.text, #text, p{  
    color:rgb(226, 128, 192)  
}
```

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(226, 128, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 128, 192) }
```

Border

The CSS property to change the border of an element to YUV 164.5980, 13.5092, 53.8496 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(226, 128, 192) }
```


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

```
.border{ border-color:rgb(226, 128, 192) }
```

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

Here you see how a box with a 4 pixel rgb(226, 128, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 128, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 128, 192);  
box-shadow:4px 4px 4px 4px rgb(226, 128,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 164.5980, 13.5092, 53.8496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 128, 192) }
```

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

```
.background{ background-color: rgb(226,  
128, 192) }
```

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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