

Converting Colors

YUV(110.7980, 20.3126,
65.0752)

Have a look what the booklet for
YUV(110.7980, 20.3126, 65.0752)
contains.

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Color

**YUV(110.7980, 20.3126,
65.0752)**

Conversions

Conversions Part 1

Format	Color
Hex	B94198
RGB	185, 65, 152
RGB Percent	73%, 25%, 60%
CMY	0.2745, 0.7451, 0.4039
CMYK	0.00, 0.65, 0.18, 0.27
HSL	316°, 48%, 49%
HSV	316°, 65%, 73%
XYZ	27.5654, 16.3619, 31.4111
YIQ	110.7980, 43.5930, 52.4970

Conversions

Conversions Part 2

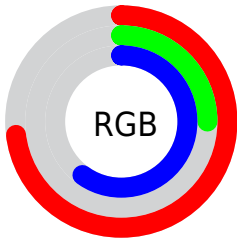
Format	Color
R_{YB}	185, 65, 152
Decimal	12140952
CIE _{Lab}	47.45, 57.49, -22.76
CIE _{LCh}	47, 61.831, 338.400
Yxy	16.3619, 0.3659, 0.2172
Android (android.graphics.Color)	4290331032 (0xFFB94198)
YUV	110.7980, 20.3126, 65.0752
Hunter-Lab	40.4498, 50.8554, -17.7264

Details

The YUV color **110.7980, 20.3126, 65.0752** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **139.2020, -20.3126, -65.0752**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4670, 18.9968, 67.1194**, and **49.7860, 25.2485, 68.5937** is the 20% darker color. If you saturate the color by 10%, you get **99.6620, 23.3376, 74.8414**, and if you desaturate by 10%, it is **121.9340, 17.2875, 55.3089**.

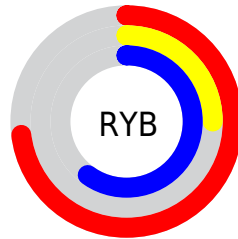
Distribution



Red (73%)

Green (25%)

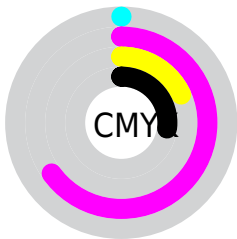
Blue (60%)



Red (73%)

Yellow (25%)

Blue (60%)

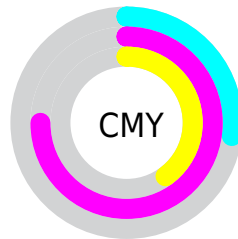


Cyan (0%)

Magenta (65%)

Yellow (18%)

Black (27%)



Cyan (27%)


Magenta (75%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.7980, 20.3126, 65.0752 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 110.7980, 20.3126, 65.0752 by changing the saturation by 10% instead.


 110.7980, 20.3126,
65.0752


 110.7980, 20.3126,
65.0752


255.0000, 0.0000,
0.0000


 80.9660, 22.2018,
65.8048


 167.4670, 18.9968,
67.1194


 49.7860, 25.2485,
68.5937

 189.9110, 22.2289,
57.0831

 38.9770, 18.7453,
54.3942


 208.6270, 22.8619,
40.6691

 28.2820, 12.6790,
40.0947

 225.6500, 14.4696,
25.7400

 18.5980, 6.6072,
27.5396

 242.6730, 6.0772,
10.8108

 2.7340, 0.1311,
4.6183

 0.0000, 0.0000,

0.0000

■ 110.7980, 20.3126,
65.0752

■ 110.7980, 20.3126,
65.0752

■ 99.6620, 23.3376,
74.8414

■ 121.9340, 17.2875,
55.3089

■ 87.9390, 26.6521,
85.1225

■ 133.6570, 13.9731,
45.0278

■ 76.2160, 29.9665,
95.4036

■ 145.3800, 10.6587,
34.7467

■ 70.5910, 31.2606,
100.3367

■ 156.5160, 7.6336,
24.9805

■ 167.6520, 4.6086,
15.2142

■ 179.4890, 1.7309,
4.8331

■ 191.2120, -1.5835,
-5.4479

■ 202.3480, -4.6086,
-15.2142

■ 213.4840, -7.6336,
-24.9805

Harmonies

Analogous

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



115.1150, 39.3833, 14.8081



110.7980, 20.3126, 65.0752



104.0940, -2.0183, 87.6176

Triad

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



110.7980, 20.3126, 65.0752



104.2820, -51.4110, 16.4157



99.3090, 37.8087, -87.0940

Complementary

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



110.7980, 20.3126, 65.0752



139.2020, -20.3126, -65.0752

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.



94.1960, 15.6794, -82.6099



110.7980, 20.3126, 65.0752



95.6940, -39.7821, -26.9186

Square

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



110.7980, 20.3126, 65.0752



105.9860, -52.2511, 52.6323



86.2790, -7.0395, -75.6667



99.0760, 54.6855, -86.8897

Rectangle

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



110.7980, 20.3126, 65.0752



104.6040, -19.0318, 84.5393



86.2790, -7.0395, -75.6667



98.1860, 30.9673, -86.1091

Sweetspot

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



110.7980, 20.3126, 65.0752



211.5160, 7.6336, 24.9805



88.2480, 47.6987, 7.6755



102.6520, 4.6086, 15.2142



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.



110.7980, 20.3126, 65.0752



124.3030, 31.4026, 101.4663



104.0720, -5.4585, 70.9739



86.3750, 1.2941, 4.9331



59.5260, 26.3627, 84.6077



10.6520, 4.6086, 15.2142

Inverse Universe

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



110.7980, 20.3126, 65.0752



124.3030, 31.4026, 101.4663



145.9280, 5.4585, -70.9739



86.3750, 1.2941, 4.9331



59.5260, 26.3627, 84.6077



10.6520, 4.6086, 15.2142

Previews

White Background



This preview shows how the YUV color 110.7980, 20.3126, 65.0752 looks on a white background.

Color Contrast Check

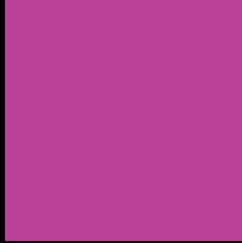
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 110.7980, 20.3126, 65.0752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

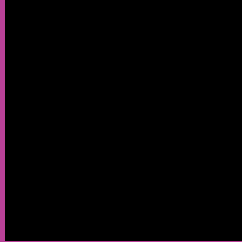
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.7980, 20.3126, 65.0752

Background



This preview shows how black text looks on a background with the YUV color 110.7980, 20.3126, 65.0752.



This preview shows how white text looks on a background with the YUV color 110.7980, 20.3126, 65.0752.

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

110.7980, 20.3126, 65.0752

Protanopia

110.9220, 38.4925, -26.2416

Deuteranopia

113.6800, 15.4408, -5.8584



Tritanopia

111.6870, -11.6777, 59.0335

Trichromacy



Original Color

110.7980, 20.3126, 65.0752



Protanomaly

110.8230, 32.1323, 7.1712



Deuteranomaly

112.4150, 17.5434, 19.8070



Tritanomaly

111.3850, -0.1898, 61.0524

Monochromacy



Original Color

110.7980, 20.3126, 65.0752



Achromatopsia

111.0000, 0.0000, 0.0000



Achromatomaly

110.8040, 7.4916, 23.8509

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.7980, 20.3126, 65.0752 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, 65, 152)` looks like.

```
.text, #text, p{  
    color:rgb(185, 65, 152)  
}
```

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, 65, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 65, 152) }
```

Border

The CSS property to change the border of an element to YUV 110.7980, 20.3126, 65.0752 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, 65, 152) }
```


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

```
.border{ border-color:rgb(185, 65, 152) }
```

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

Here you see how a box with a 4 pixel rgb(185, 65, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 65, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 65, 152);  
box-shadow:4px 4px 4px 4px rgb(185, 65,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 110.7980, 20.3126, 65.0752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 65, 152) }
```

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

```
.background{ background-color: rgb(185, 65,  
152) }
```

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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