

Converting Colors

YUV(110.0150, 21.1916,
63.1308)

Have a look what the booklet for
YUV(110.0150, 21.1916, 63.1308)
contains.

YUV(110.0150, 21.1916, 63.1308)	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(110.0150, 21.1916,
63.1308)**

Conversions

Conversions Part 1

Format	Color
Hex	B64199
RGB	182, 65, 153
RGB Percent	71%, 25%, 60%
CMY	0.2863, 0.7451, 0.4000
CMYK	0.00, 0.64, 0.16, 0.29
HSL	315°, 47%, 48%
HSV	315°, 64%, 71%
XYZ	26.9315, 16.0256, 31.8108
YIQ	110.0150, 41.4840, 52.1720

Conversions

Conversions Part 2

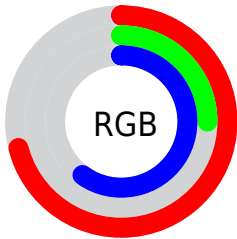
Format	Color
R _Y B	182, 65, 153
Decimal	11944345
CIE Lab	47.01, 56.82, -24.07
CIE LCh	47, 61.709, 337.037
Yxy	16.0256, 0.3602, 0.2143
Android (android.graphics.Color)	4290134425 (0xFFB64199)
YUV	110.0150, 21.1916, 63.1308
Hunter-Lab	40.0320, 50.0298, -19.0915

Details

The YUV color **110.0150, 21.1916, 63.1308** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **136.9850, -21.1916, -63.1308**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2110, 20.6020, 65.5900**, and **49.3020, 25.9801, 67.2641** is the 20% darker color. If you saturate the color by 10%, you get **98.8790, 24.2167, 72.8971**, and if you desaturate by 10%, it is **121.1510, 18.1666, 53.3646**.

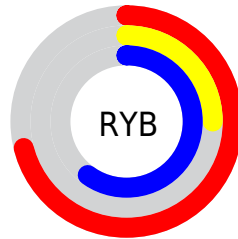
Distribution



Red (71%)

Green (25%)

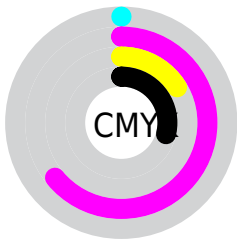
Blue (60%)



Red (71%)

Yellow (25%)

Blue (60%)

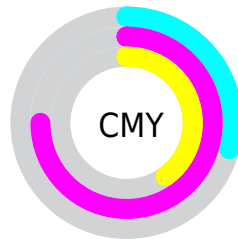


Cyan (0%)

Magenta (64%)

Yellow (16%)

Black (29%)



Cyan (29%)

Magenta (75%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.0150, 21.1916, 63.1308 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 110.0150, 21.1916, 63.1308 by changing the saturation by 10% instead.

■ 110.0150, 21.1916,
63.1308

■ 110.0150, 21.1916,
63.1308

255.0000, 0.0000,
0.0000

■ 81.0690, 22.6440,
63.9605

■ 166.2110, 20.6020,
65.5900

■ 49.3020, 25.9801,
67.2641

■ 190.0250, 22.6657,
56.9831

■ 38.0800, 19.1876,
52.5498

■ 208.6270, 22.8619,
40.6691

■ 27.6840, 12.9738,
38.8651

■ 225.6500, 14.4696,
25.7400

■ 17.8150, 7.4862,
25.5952

■ 242.6730, 6.0772,
10.8108

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 110.0150, 21.1916,
63.1308

■ 110.0150, 21.1916,
63.1308

■ 98.8790, 24.2167,
72.8971

■ 121.1510, 18.1666,
53.3646

■ 87.8570, 27.6785,
82.5634

■ 132.1730, 14.7047,
43.6983

■ 76.1340, 30.9929,
92.8445

■ 143.8960, 11.3903,
33.4172

■ 70.0360, 33.0133,
98.1924

■ 154.9180, 7.9284,
23.7509

■ 166.0540, 4.9034,
13.9846

■ 177.0760, 1.4415,
4.3183

■ 188.2120, -1.5835,
-5.4479

■ 199.8210, -5.3348,
-15.6290

■ 210.9570, -8.3598,
-25.3953

Harmonies

Analogous

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



114.2070, 39.8309, 11.2195



110.0150, 21.1916, 63.1308



102.4360, -0.7079, 87.3176

Triad

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



110.0150, 21.1916, 63.1308



103.4070, -50.9797, 18.0601



98.3800, 36.7877, -86.2793

Complementary

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



110.0150, 21.1916, 63.1308



136.9850, -21.1916, -63.1308

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.



93.2670, 14.6584, -81.7952



110.0150, 21.1916, 63.1308



95.0210, -42.4084, -24.5744

Square

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



110.0150, 21.1916, 63.1308



104.8120, -51.6723, 53.6619



85.2360, -8.4973, -74.7520



98.7340, 53.3751, -86.5897

Rectangle

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



110.0150, 21.1916, 63.1308



103.3590, -17.4320, 84.7542



85.2360, -8.4973, -74.7520



96.5560, 29.7989, -84.6796

Sweetspot

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



110.0150, 21.1916, 63.1308



209.3310, 8.2178, 24.2657



86.4110, 47.1254, 4.9016



102.7660, 5.0454, 15.1142



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.



110.0150, 21.1916, 63.1308



125.0360, 33.0133, 98.1924



103.5170, -3.7059, 68.8296



86.4890, 1.7309, 4.8331



59.9820, 28.1099, 84.2078



10.7660, 5.0454, 15.1142

Inverse Universe

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



110.0150, 21.1916, 63.1308



125.0360, 33.0133, 98.1924



143.4830, 3.7059, -68.8296



86.4890, 1.7309, 4.8331



59.9820, 28.1099, 84.2078



10.7660, 5.0454, 15.1142

Previews

White Background



This preview shows how the YUV color 110.0150, 21.1916, 63.1308 looks on a white background.

Color Contrast Check

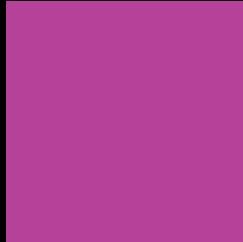
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.0150, 21.1916, 63.1308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

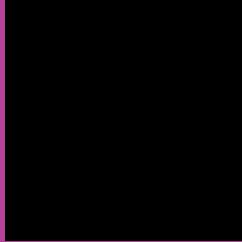
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.0150, 21.1916, 63.1308

Background



This preview shows how black text looks on a background with the YUV color 110.0150, 21.1916, 63.1308.



This preview shows how white text looks on a background with the YUV color 110.0150, 21.1916, 63.1308.

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

110.0150, 21.1916, 63.1308

Protanopia

109.7370, 39.0767, -26.9563

Deuteranopia

112.6090, 16.4618, -6.6731



Tritanopia

111.3770, -11.5249, 56.6744

Trichromacy



Original Color

110.0150, 21.1916, 63.1308



Protanomaly

109.9260, 32.5745, 5.3269



Deuteranomaly

111.9310, 18.2750, 18.4775



Tritanomaly

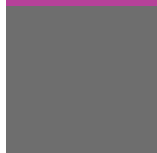
110.6020, 0.6892, 59.1080

Monochromacy



Original Color

110.0150, 21.1916, 63.1308



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.2060, 7.7864, 22.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.0150, 21.1916, 63.1308 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(182, 65, 153)` looks like.

```
.text, #text, p{  
    color:rgb(182, 65, 153)  
}
```

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(182, 65, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 65, 153) }
```

Border

The CSS property to change the border of an element to YUV 110.0150, 21.1916, 63.1308 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(182, 65, 153) }
```


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

```
.border{ border-color:rgb(182, 65, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 65, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 65, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 65, 153);  
box-shadow:4px 4px 4px 4px rgb(182, 65,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 110.0150, 21.1916, 63.1308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 65, 153) }
```

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

```
.background{ background-color: rgb(182, 65,  
153) }
```

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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