

Converting Colors

YUV(144.3510, 21.5190,
51.4352)

Have a look what the booklet for
YUV(144.3510, 21.5190, 51.4352)
contains.

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Color

**YUV(144.3510, 21.5190,
51.4352)**

Conversions

Conversions Part 1

Format	Color
Hex	CB6ABC
RGB	203, 106, 188
RGB Percent	80%, 42%, 74%
CMY	0.2039, 0.5843, 0.2627
CMYK	0.00, 0.48, 0.07, 0.20
HSL	309°, 48%, 61%
HSV	309°, 48%, 80%
XYZ	38.8597, 26.6354, 50.6700
YIQ	144.3510, 31.4900, 46.0660

Conversions

Conversions Part 2

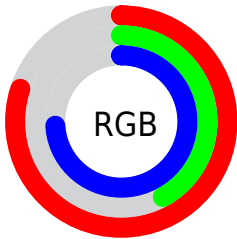
Format	Color
RYB	203, 106, 188
Decimal	13331132
CIELab	58.64, 49.40, -26.30
CIELCh	59, 55.963, 331.963
Yxy	26.6354, 0.3345, 0.2293
Android (android.graphics.Color)	4291521212 (0xFFCB6ABC)
YUV	144.3510, 21.5190, 51.4352
Hunter-Lab	51.6095, 44.0861, -22.0840

Details

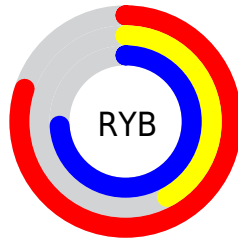
The YUV color **144.3510, 21.5190, 51.4352** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **164.6490, -21.5190, -51.4352**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9810, 22.6874, 50.0057**, and **90.3400, 21.5244, 49.6908** is the 20% darker color. If you saturate the color by 10%, you get **132.2690, 25.9964, 62.0311**, and if you desaturate by 10%, it is **156.4330, 17.0415, 40.8393**.

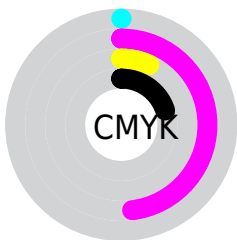
Distribution



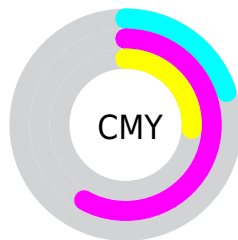
- Red (80%)
- Green (42%)
- Blue (74%)



- Red (80%)
- Yellow (42%)
- Blue (74%)



- Cyan (0%)
- Magenta (48%)
- Yellow (7%)
- Black (20%)





- Cyan (20%)
- Magenta (58%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 144.3510, 21.5190, 51.4352 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 144.3510, 21.5190, 51.4352 by changing the saturation by 10% instead.


 144.3510, 21.5190,
51.4352


 144.3510, 21.5190,
51.4352


255.0000, 0.0000,
0.0000


 117.6390, 21.3770,
50.3056


 197.9810, 22.6874,
50.0057


 90.3400, 21.5244,
49.6908


 215.6710, 19.3892,
34.4915


 62.0950, 23.1242,
49.9057

 232.6940, 10.9969,
19.5624

 37.3830, 22.9822,
48.7761

 249.7170, 2.6045,
4.6332

 26.9870, 16.7684,
35.0914

 17.9010, 10.4018,
23.7658

 1.7100, 6.5520,

-1.4997

■ 0.0000, 0.0000,
0.0000

■ 144.3510, 21.5190,
51.4352

■ 144.3510, 21.5190,
51.4352

■ 132.2690, 25.9964,
62.0311

■ 156.4330, 17.0415,
40.8393

■ 119.6000, 30.7632,
73.1418

■ 169.1020, 12.2747,
29.7285

■ 107.5180, 35.2406,
83.7377

■ 181.1840, 7.7973,
19.1326

■ 95.3220, 39.2813,
94.4336

■ 193.3800, 3.7567,
8.4367

■ 83.2400, 43.7587,
105.0295

■ 206.0490, -1.0102,
-2.6740

■ 80.3050, 45.2056,
107.6035

■ 218.1310, -5.4876,
-13.2699

■ 230.2130, -9.9650,
-23.8658

■ 234.6640,
-10.6804, -27.7693

■ 235.0060, -9.3700,
-28.0693

Harmonies

Analogous

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



143.8530, 40.0055, 1.8829



144.3510, 21.5190, 51.4352



139.8970, 0.0508, 77.2663

Triad

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



144.3510, 21.5190, 51.4352



134.9780, -50.2752, 25.4523



118.1560, 36.4051, -103.6228

Complementary

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



144.3510, 21.5190, 51.4352



164.6490, -21.5190, -51.4352

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.



113.1570, 14.7126, -99.2387



144.3510, 21.5190, 51.4352



129.7110, -38.8045, -13.7785

Square

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



144.3510, 21.5190, 51.4352



137.7660, -41.7896, 57.2102



114.9760, -10.8342, -71.8930



118.6240, 53.4294, -104.0332

Rectangle

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



144.3510, 21.5190, 51.4352



138.4940, -15.5265, 80.2508



114.9760, -10.8342, -71.8930



116.9190, 29.1269, -102.5380

Sweetspot

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



144.3510, 21.5190, 51.4352



233.1840, 7.7973, 19.1326



121.5430, 40.1583, -0.4762



114.6300, 4.6194, 11.7255



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.



144.3510, 21.5190, 51.4352



167.3770, 32.3521, 76.8454



138.8790, 0.5527, 56.2341



95.9020, 2.0203, 5.3479



65.5940, 36.6822, 88.0561



15.0100, 8.3761, 20.1622

Inverse Universe

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



144.3510, 21.5190, 51.4352



167.3770, 32.3521, 76.8454



170.1210, -0.5527, -56.2341



95.9020, 2.0203, 5.3479



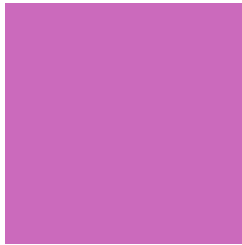
65.5940, 36.6822, 88.0561



15.0100, 8.3761, 20.1622

Previews

White Background



This preview shows how the YUV color 144.3510, 21.5190, 51.4352 looks on a white background.

Color Contrast Check

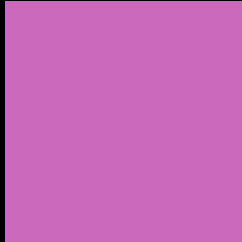
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 144.3510, 21.5190, 51.4352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

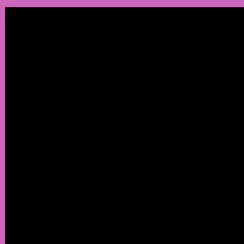
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.3510, 21.5190, 51.4352

Background



This preview shows how black text looks on a background with the YUV color 144.3510, 21.5190, 51.4352.



This preview shows how white text looks on a background with the YUV color 144.3510, 21.5190,

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

144.3510, 21.5190, 51.4352

Protanopia

140.3740, 36.2976, -22.2530

Deuteranopia

142.4070, 19.5193, -7.3729



Tritanopia

143.0490, -7.4192, 46.4380

Trichromacy



Original Color

144.3510, 21.5190, 51.4352



Protanomaly

141.8720, 31.1221, 4.4973



Deuteranomaly

143.0660, 20.1805, 13.9741



Tritanomaly

143.5190, 3.1951, 48.6568

Monochromacy



Original Color

144.3510, 21.5190, 51.4352



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

143.8850, 7.9447, 18.5179

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.3510, 21.5190, 51.4352 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(203, 106, 188)` looks like.

```
.text, #text, p{  
    color:rgb(203, 106, 188)  
}
```

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(203, 106, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 106, 188) }
```

Border

The CSS property to change the border of an element to YUV 144.3510, 21.5190, 51.4352 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(203, 106, 188) }
```


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

```
.border{ border-color:rgb(203, 106, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 106, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 106, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 106, 188);  
box-shadow:4px 4px 4px 4px rgb(203, 106,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 144.3510, 21.5190, 51.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 106, 188) }
```

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

```
.background{ background-color: rgb(203,  
106, 188) }
```

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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