

Converting Colors

YUV(153.4710, -0.7252,
46.0679)

Have a look what the booklet for
YUV(153.4710, -0.7252, 46.0679)
contains.

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Color

**YUV(153.4710, -0.7252,
46.0679)**

Conversions

Conversions Part 1

Format	Color
Hex	CE7F98
RGB	206, 127, 152
RGB Percent	81%, 50%, 60%
CMY	0.1922, 0.5020, 0.4039
CMYK	0.00, 0.38, 0.26, 0.19
HSL	341°, 45%, 65%
HSV	341°, 38%, 81%
XYZ	38.7105, 30.5676, 33.5656
YIQ	153.4710, 39.0590, 24.5230

Conversions

Conversions Part 2

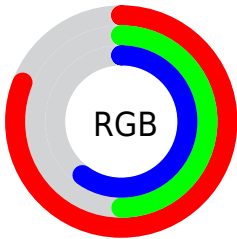
Format	Color
R _Y B	206, 127, 152
Decimal	13533080
CIE Lab	62.14, 33.81, -0.38
CIE LCh	62, 33.812, 359.355
Yxy	30.5676, 0.3764, 0.2972
Android (android.graphics.Color)	4291723160 (0xFFCE7F98)
YUV	153.4710, -0.7252, 46.0679
Hunter-Lab	55.2879, 28.2249, 2.7062

Details

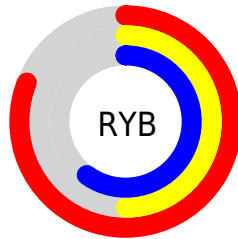
The YUV color $153.4710, -0.7252, 46.0679$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $179.5290, 0.7252, -46.0679$, and the grayscale version is $153.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.9760, 0.0118, 42.9940$, and $100.9760, 0.0118, 42.9940$ is the 20% darker color. If you saturate the color by 10%, you get $139.5480, -0.7632, 58.2784$, and if you desaturate by 10%, it is $167.3940, -0.6872, 33.8575$.

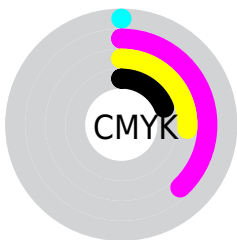
Distribution



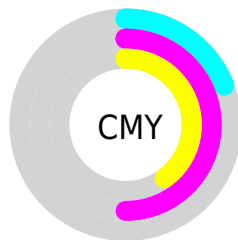
- Red (81%)
- Green (50%)
- Blue (60%)



- Red (81%)
- Yellow (50%)
- Blue (60%)



- Cyan (0%)
- Magenta (38%)
- Yellow (26%)
- Black (19%)



- Cyan (19%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.4710, -0.7252, 46.0679 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 153.4710, -0.7252, 46.0679 by changing the saturation by 10% instead.

 153.4710, -0.7252,
46.0679

 153.4710, -0.7252,
46.0679

255.0000, 0.0000,
0.0000


 126.8730, -0.4304,
44.8384


 205.9760, 0.0118,
42.9940


 100.9760, 0.0118,
42.9940


 225.6040, 4.1392,
25.7803

 76.0790, 0.4541,
41.1497

 244.4340, 5.2090,
9.2664

 50.8230, 2.0593,
39.6202

 24.6920, 4.0958,
39.7351

 15.4920, -2.7076,
28.5095

 0.0000, 0.0000,

0.0000

■ 153.4710, -0.7252,
46.0679

■ 153.4710, -0.7252,
46.0679

■ 139.5480, -0.7632,
58.2784

■ 167.3940, -0.6872,
33.8575

■ 126.2120, -1.0905,
69.9741

■ 180.7300, -0.3599,
22.1618

■ 112.2890, -1.1285,
82.1845

■ 194.6530, -0.3219,
9.9513

■ 98.9530, -1.4558,
93.8802

■ 207.9890, 0.0054,
-1.7444

■ 85.0300, -1.4938,
106.0907

■ 221.9120, 0.0434,
-13.9548

■ 71.1070, -1.5318,
118.3012

■ 235.8350, 0.0813,
-26.1653

■ 69.0040, -1.9740,
120.1455

■ 239.8930, 5.4758,
-29.7242

■ 240.3490, 7.2229,
-30.1241

Harmonies

Analogous

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



154.0310, 13.2957, 28.9138



153.4710, -0.7252, 46.0679



151.8230, -14.7027, 49.2672

Triad

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



153.4710, -0.7252, 46.0679



145.0770, -23.7020, -4.4525



133.2680, 33.3919, -70.3950

Complementary

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



153.4710, -0.7252, 46.0679



179.5290, 0.7252, -46.0679

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.



125.6220, 26.3154, -87.3685



153.4710, -0.7252, 46.0679



140.3430, -10.5221, -31.8728

Square

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



153.4710, -0.7252, 46.0679



148.2650, -28.7246, 19.9386



133.4500, 7.1732, -60.9076



145.4450, 31.8256, -34.5933

Rectangle

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



153.4710, -0.7252, 46.0679



150.5420, -21.9592, 43.3747



133.4500, 7.1732, -60.9076



128.9740, 32.5508, -80.6612

Sweetspot

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



153.4710, -0.7252, 46.0679



234.4090, -0.2016, 18.0583



152.1520, 26.5471, 25.2997



115.9520, -0.4693, 10.5661



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.



153.4710, -0.7252, 46.0679



177.2010, -1.0851, 68.2297



158.8390, -15.6966, 41.3602



95.3320, -0.1637, 5.8478



55.5620, -1.7561, 96.8541



12.7300, -0.3599, 22.1618

Inverse Universe

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



153.4710, -0.7252, 46.0679



177.2010, -1.0851, 68.2297



174.1610, 15.6966, -41.3602



95.3320, -0.1637, 5.8478



55.5620, -1.7561, 96.8541



12.7300, -0.3599, 22.1618

Previews

White Background



This preview shows how the YUV color 153.4710, -0.7252, 46.0679 looks on a white background.

Color Contrast Check

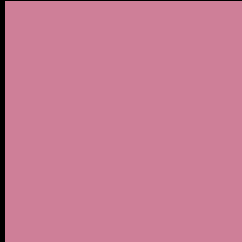
Large Text (above 18pt) WCAG AA × Fail

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 153.4710, -0.7252, 46.0679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

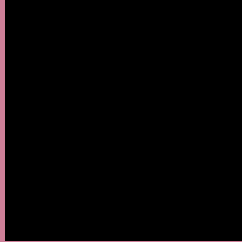
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.4710, -0.7252, 46.0679

Background



This preview shows how black text looks on a background with the YUV color 153.4710, -0.7252, 46.0679.



This preview shows how white text looks on a background with the YUV color 153.4710, -0.7252,

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

153.4710, -0.7252, 46.0679

Protanopia

151.5250, 7.1362, -2.2144

Deuteranopia

152.3220, -1.6377, 11.9956



Tritanopia

152.8640, -6.8350, 45.7233

Trichromacy



Original Color

153.4710, -0.7252, 46.0679

Protanomaly

152.5380, 4.1718, 15.3142

Deuteranomaly

152.8120, -1.3863, 24.7209

Tritanomaly

152.8470, -4.3616, 45.7382

Monochromacy



Original Color

153.4710, -0.7252, 46.0679

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.3980, -0.1962, 16.3140

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.4710, -0.7252, 46.0679 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(206, 127, 152)` looks like.

```
.text, #text, p{  
    color:rgb(206, 127, 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(206, 127, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 127, 152) }
```

Border

The CSS property to change the border of an element to YUV 153.4710, -0.7252, 46.0679 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(206, 127, 152) }
```


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

```
.border{ border-color:rgb(206, 127, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 127, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 127, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 127, 152);  
box-shadow:4px 4px 4px 4px rgb(206, 127,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 153.4710, -0.7252, 46.0679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 127, 152) }
```

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

```
.background{ background-color: rgb(206,  
127, 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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