

Converting Colors

YUV(153.9590, 22.6982,
46.5170)

Have a look what the booklet for
YUV(153.9590, 22.6982, 46.5170)
contains.

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Color

**YUV(153.9590, 22.6982,
46.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	CF76C8
RGB	207, 118, 200
RGB Percent	81%, 46%, 78%
CMY	0.1882, 0.5373, 0.2157
CMYK	0.00, 0.43, 0.03, 0.19
HSL	305°, 48%, 64%
HSV	305°, 43%, 81%
XYZ	42.6359, 30.3924, 58.2627
YIQ	153.9590, 26.7220, 44.3700

Conversions

Conversions Part 2

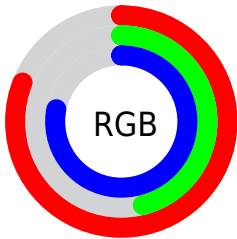
Format	Color
R _Y B	207, 118, 200
Decimal	13596360
CIE Lab	61.99, 46.58, -27.90
CIE LCh	62, 54.299, 329.078
Yxy	30.3924, 0.3247, 0.2315
Android (android.graphics.Color)	4291786440 (0xFFCF76C8)
YUV	153.9590, 22.6982, 46.5170
Hunter-Lab	55.1293, 41.5720, -24.0694

Details

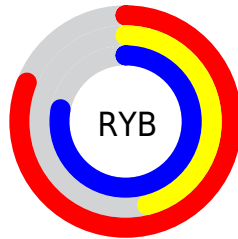
The YUV color **153.9590, 22.6982, 46.5170** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **171.0410, -22.6982, -46.5170**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2790, 24.0195, 42.7283**, and **100.5350, 22.4142, 44.2578** is the 20% darker color. If you saturate the color by 10%, you get **141.4040, 27.9018, 57.5277**, and if you desaturate by 10%, it is **166.5140, 17.4946, 35.5062**.

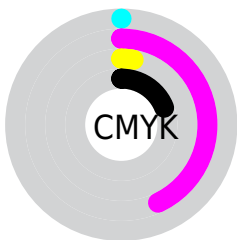
Distribution



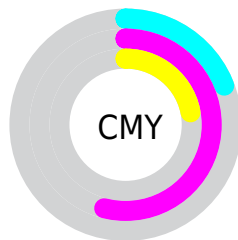
- Red (81%)
- Green (46%)
- Blue (78%)



- Red (81%)
- Yellow (46%)
- Blue (78%)



- Cyan (0%)
- Magenta (43%)
- Yellow (3%)
- Black (19%)





- Cyan (19%)
- Magenta (54%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.9590, 22.6982, 46.5170 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 153.9590, 22.6982, 46.5170 by changing the saturation by 10% instead.


 153.9590, 22.6982,
46.5170


 153.9590, 22.6982,
46.5170


255.0000, 0.0000,
0.0000

 127.2470, 22.5562,
45.3874


 206.2790, 24.0195,
42.7283


 100.5350, 22.4142,
44.2578


 222.7150, 15.9165,
28.3139

 73.6490, 22.8510,
44.1578

 239.7380, 7.5242,
13.3848

 43.3550, 25.4610,
47.0467

 29.3230, 20.5468,
36.5507

 19.8240, 13.8908,
24.7104

 7.4490, 9.1456,

6.6222

■ 0.0000, 0.0000,
0.0000

■ 153.9590, 22.6982,
46.5170

■ 153.9590, 22.6982,
46.5170

■ 141.4040, 27.9018,
57.5277

■ 166.5140, 17.4946,
35.5062

■ 129.5500, 33.2528,
67.9236

■ 178.3680, 12.1436,
25.1103

■ 116.9950, 38.4565,
78.9344

■ 190.9230, 6.9400,
14.0995

■ 104.4400, 43.6601,
89.9451

■ 203.4780, 1.7363,
3.0888

■ 92.5860, 49.0111,
100.3411

■ 215.9190, -3.9041,
-7.8220

■ 83.6670, 52.9152,
108.1630

■ 227.8870, -8.8183,
-18.3179

■ 235.6320,
-12.1436, -25.1103

■ 235.8600,
-11.2700, -25.3102

■ 236.0880,
-10.3964, -25.5102

Harmonies

Analogous

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



152.2330, 40.3111, -2.8353



153.9590, 22.6982, 46.5170



149.9290, 1.5140, 74.6073

Triad

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



153.9590, 22.6982, 46.5170



144.5700, -48.1020, 28.4411



123.7810, 35.1110, -108.5559

Complementary

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



153.9590, 22.6982, 46.5170



171.0410, -22.6982, -46.5170

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.



118.3090, 14.1447, -103.7570



153.9590, 22.6982, 46.5170



139.9180, -39.3996, -9.5751

Square

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



153.9590, 22.6982, 46.5170



147.3470, -39.6111, 58.4547



129.2120, -15.3875, -58.0679



124.4770, 53.0088, -109.1663

Rectangle

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



153.9590, 22.6982, 46.5170



148.3520, -13.4845, 78.6213



129.2120, -15.3875, -58.0679



122.0710, 28.5590, -107.0563

Sweetspot

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



153.9590, 22.6982, 46.5170



235.2870, 8.2395, 17.2883



129.9400, 37.9906, -5.2094



115.4450, 5.2036, 11.0107



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.



153.9590, 22.6982, 46.5170



175.7890, 34.1210, 69.4680



149.0570, 3.9159, 50.8160



98.4290, 2.7465, 5.7628



67.9020, 42.9393, 87.7859



16.5910, 10.5546, 21.4067

Inverse Universe

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



153.9590, 22.6982, 46.5170



175.7890, 34.1210, 69.4680



175.9430, -3.9159, -50.8160



98.4290, 2.7465, 5.7628



67.9020, 42.9393, 87.7859



16.5910, 10.5546, 21.4067

Previews

White Background



This preview shows how the YUV color 153.9590, 22.6982, 46.5170 looks on a white background.

Color Contrast Check

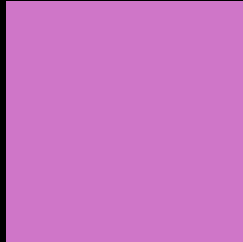
Large Text (above 18pt) WCAG AA × Fail

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 153.9590, 22.6982, 46.5170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

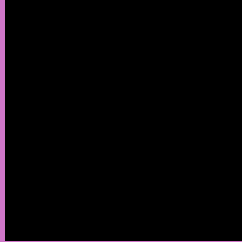
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.9590, 22.6982, 46.5170

Background



This preview shows how black text looks on a background with the YUV color 153.9590, 22.6982, 46.5170.



This preview shows how white text looks on a background with the YUV color 153.9590, 22.6982, 46.5170.

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

153.9590, 22.6982, 46.5170

Protanopia

149.6730, 36.1502, -21.6382

Deuteranopia

151.2650, 21.5614, -9.0024



Tritanopia

152.7710, -5.8031, 41.4198

Trichromacy



Original Color

153.9590, 22.6982, 46.5170



Protanomaly

151.2740, 31.4169, 3.2677



Deuteranomaly

152.2120, 22.0805, 11.2151



Tritanomaly

153.1270, 4.3744, 43.7386

Monochromacy



Original Color

153.9590, 22.6982, 46.5170



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.9880, 8.3869, 16.6735

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9590, 22.6982, 46.5170 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(207, 118, 200)` looks like.

```
.text, #text, p{  
    color:rgb(207, 118, 200)  
}
```

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(207, 118, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 118, 200) }
```

Border

The CSS property to change the border of an element to YUV 153.9590, 22.6982, 46.5170 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(207, 118, 200) }
```


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

```
.border{ border-color:rgb(207, 118, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 118, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 118, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 118, 200);  
box-shadow:4px 4px 4px 4px rgb(207, 118,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 153.9590, 22.6982, 46.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 118, 200) }
```

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

```
.background{ background-color: rgb(207,  
118, 200) }
```

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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