

Converting Colors

YUV(176.6310, 6.5909, 32.7726)

Have a look what the booklet for
YUV(176.6310, 6.5909, 32.7726)
contains.

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Color

**YUV(176.6310, 6.5909,
32.7726)**

Conversions

Conversions Part 1

Format	Color
Hex	D69BBE
RGB	214, 155, 190
RGB Percent	84%, 61%, 75%
CMY	0.1608, 0.3922, 0.2549
CMYK	0.00, 0.28, 0.11, 0.16
HSL	324°, 42%, 72%
HSV	324°, 28%, 84%
XYZ	48.7472, 41.4565, 54.1479
YIQ	176.6310, 23.9290, 23.3930

Conversions

Conversions Part 2

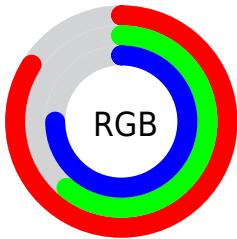
Format	Color
R_{YB}	214, 155, 190
Decimal	14064574
CIE Lab	70.49, 27.41, -9.33
CIE LCh	70, 28.949, 341.208
Yxy	41.4565, 0.3377, 0.2872
Android (android.graphics.Color)	4292254654 (0xFFD69BBE)
YUV	176.6310, 6.5909, 32.7726
Hunter-Lab	64.3868, 22.4654, -4.7909

Details

The YUV color **176.6310, 6.5909, 32.7726** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **192.3690, -6.5909, -32.7726**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5590, 9.0914, 24.0658**, and **123.3210, 6.7437, 30.4135** is the 20% darker color. If you saturate the color by 10%, you get **163.2780, 8.7369, 44.4832**, and if you desaturate by 10%, it is **189.9840, 4.4449, 21.0620**.

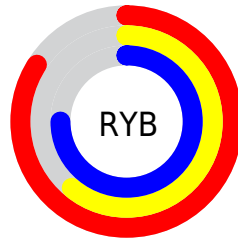
Distribution



Red (84%)

Green (61%)

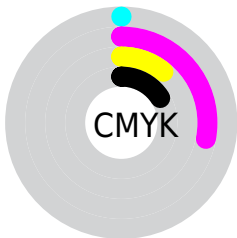
Blue (75%)



Red (84%)

Yellow (61%)

Blue (75%)

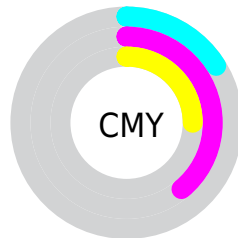


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (16%)



Cyan (16%)


Magenta (39%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.6310, 6.5909, 32.7726 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 176.6310, 6.5909, 32.7726 by changing the saturation by 10% instead.


 176.6310, 6.5909,
32.7726


 176.6310, 6.5909,
32.7726

255.0000, 0.0000,
0.0000

 149.9190, 6.4489,
31.6430

 227.5590, 9.0914,
24.0658

 123.3210, 6.7437,
30.4135

 245.0210, 4.9196,
8.7516

 97.9080, 6.4544,
29.8987

 73.8970, 6.4598,
28.1543

 50.2990, 6.7546,
26.9248

 26.5270, 7.6282,
26.7248

 13.8700, 4.0081,

21.1620

■ 0.0000, 0.0000,
0.0000

■ 176.6310, 6.5909,
32.7726

■ 176.6310, 6.5909,
32.7726

■ 163.2780, 8.7369,
44.4832

■ 189.9840, 4.4449,
21.0620

■ 149.4520, 11.6092,
56.6086

■ 203.8100, 1.5727,
8.9366

■ 136.0990, 13.7552,
68.3192

■ 217.1630, -0.5734,
-2.7740

■ 122.1590, 16.1906,
80.5446

■ 231.1030, -3.0088,
-14.9993

■ 108.8060, 18.3366,
92.2551

■ 240.3470, -3.1291,
-23.1063

■ 95.5670, 20.9195,
103.8657

■ 241.2590, 0.3653,
-23.9061

■ 81.6270, 23.3549,
116.0911

■ 242.2850, 4.2965,
-24.8059

■ 78.4640, 23.9282,
118.8651

■ 242.7410, 6.0437,
-25.2059

Harmonies

Analogous

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



175.7730, 17.8599, 11.6001



176.6310, 6.5909, 32.7726



175.6680, -6.2453, 43.2642

Triad

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



176.6310, 6.5909, 32.7726



170.0510, -24.1821, 9.6023



159.2880, 23.0290, -59.8886

Complementary

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



176.6310, 6.5909, 32.7726



192.3690, -6.5909, -32.7726

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.



159.2210, 11.2300, -55.4448



176.6310, 6.5909, 32.7726



166.7430, -17.1283, -12.9296

Square

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



176.6310, 6.5909, 32.7726



172.4710, -24.3892, 29.4049



163.0310, -3.9593, -36.8612



165.3530, 27.9270, -44.1596

Rectangle

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



176.6310, 6.5909, 32.7726



174.6050, -14.1023, 43.3194



163.0310, -3.9593, -36.8612



158.7780, 19.8294, -60.3183

Sweetspot

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



176.6310, 6.5909, 32.7726



242.3480, 2.2934, 11.0958



168.9020, 22.2333, 8.8559



119.6850, 1.1413, 7.2923



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.



176.6310, 6.5909, 32.7726



201.8160, 9.4577, 46.6424



173.3250, -6.0762, 35.6720



100.0870, 1.4361, 6.0627



62.6430, 18.9100, 95.0291



15.8210, 5.0182, 23.8360

Inverse Universe

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



176.6310, 6.5909, 32.7726



201.8160, 9.4577, 46.6424



195.6750, 6.0762, -35.6720



100.0870, 1.4361, 6.0627



62.6430, 18.9100, 95.0291



15.8210, 5.0182, 23.8360

Previews

White Background



This preview shows how the YUV color 176.6310, 6.5909, 32.7726 looks on a white background.

Color Contrast Check

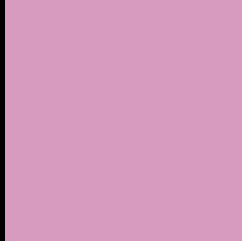
Large Text (above 18pt) WCAG AA × Fail

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 176.6310, 6.5909, 32.7726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

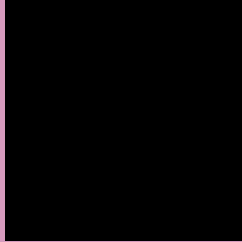
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.6310, 6.5909, 32.7726

Background



This preview shows how black text looks on a background with the YUV color 176.6310, 6.5909, 32.7726.



This preview shows how white text looks on a background with the YUV color 176.6310, 6.5909,

32.7726.

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

176.6310, 6.5909, 32.7726

Protanopia

173.1100, 13.2568, -5.3585

Deuteranopia

174.7650, 6.5249, 7.2221



Tritanopia

175.6280, -2.2816, 31.8982

Trichromacy



Original Color

176.6310, 6.5909, 32.7726

Protanomaly

174.2150, 10.7400, 8.5814

Deuteranomaly

175.2330, 6.7871, 16.4587

Tritanomaly

176.1380, 0.9180, 32.3280

Monochromacy



Original Color

176.6310, 6.5909, 32.7726

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.7610, 2.5828, 11.6106

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.6310, 6.5909, 32.7726 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(214, 155, 190)` looks like.

```
.text, #text, p{  
    color:rgb(214, 155, 190)  
}
```

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(214, 155, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 155, 190) }
```

Border

The CSS property to change the border of an element to YUV 176.6310, 6.5909, 32.7726 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(214, 155, 190) }
```


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

```
.border{ border-color:rgb(214, 155, 190) }
```

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

Here you see how a box with a 4 pixel rgb(214, 155, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 155, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 155, 190);  
box-shadow:4px 4px 4px 4px rgb(214, 155,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 176.6310, 6.5909, 32.7726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 155, 190) }
```

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

```
.background{ background-color: rgb(214,  
155, 190) }
```

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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