

Converting Colors

YUV(174.5480, 12.5478,
35.4764)

Have a look what the booklet for
YUV(174.5480, 12.5478, 35.4764)
contains.

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Color

**YUV(174.5480, 12.5478,
35.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	D795C8
RGB	215, 149, 200
RGB Percent	84%, 58%, 78%
CMY	0.1569, 0.4157, 0.2157
CMYK	0.00, 0.31, 0.07, 0.16
HSL	314°, 45%, 71%
HSV	314°, 31%, 84%
XYZ	49.1971, 40.1121, 59.7930
YIQ	174.5480, 22.9650, 29.8530

Conversions

Conversions Part 2

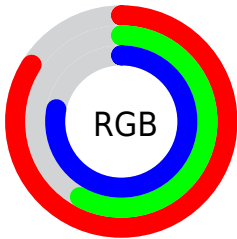
Format	Color
R_{YB}	215, 149, 200
Decimal	14128584
CIE _{Lab}	69.55, 32.71, -16.28
CIE _{LCh}	70, 36.536, 333.538
Yxy	40.1121, 0.3300, 0.2690
Android (android.graphics.Color)	4292318664 (0xFFD795C8)
YUV	174.5480, 12.5478, 35.4764
Hunter-Lab	63.3341, 27.8218, -11.6411

Details

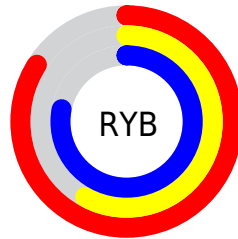
The YUV color $174.5480, 12.5478, 35.4764$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $189.4520, -12.5478, -35.4764$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.0630, 14.7589, 26.2547$, and $121.1240, 12.2639, 33.2173$ is the 20% darker color. If you saturate the color by 10%, you get $161.0640, 16.7304, 47.3019$, and if you desaturate by 10%, it is $188.0320, 8.3652, 23.6509$.

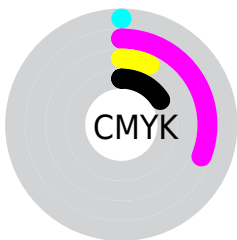
Distribution



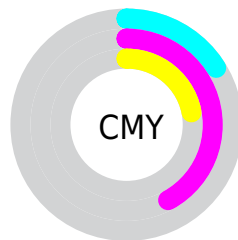
- Red (84%)
- Green (58%)
- Blue (78%)



- Red (84%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.5480, 12.5478, 35.4764 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 174.5480, 12.5478, 35.4764 by changing the saturation by 10% instead.

■ 174.5480, 12.5478,
35.4764

■ 174.5480, 12.5478,
35.4764

255.0000, 0.0000,
0.0000

■ 147.8360, 12.4059,
34.3468

■ 225.0630, 14.7589,
26.2547

■ 121.1240, 12.2639,
33.2173

■ 241.4990, 6.6560,
11.8404

■ 95.4120, 12.1219,
32.0877

■ 70.7000, 11.9799,
30.9581

■ 46.5150, 12.5641,
30.2433

■ 22.6290, 13.0009,
30.1434

■ 14.2550, 6.7763,

19.9474

■ 0.0000, 0.0000,
0.0000

■ 174.5480, 12.5478,
35.4764

■ 174.5480, 12.5478,
35.4764

■ 161.0640, 16.7304,
47.3019

■ 188.0320, 8.3652,
23.6509

■ 148.1670, 20.6237,
58.6125

■ 200.9290, 4.4720,
12.3403

■ 135.2700, 24.5169,
69.9232

■ 214.4130, 0.2894,
0.5148

■ 121.7860, 28.6995,
81.7487

■ 227.3100, -3.6038,
-10.7959

■ 109.0030, 33.0295,
92.9594

■ 239.5060, -7.6445,
-21.4918

■ 95.5190, 37.2121,
104.7848

■ 240.0760, -5.4605,
-21.9917

■ 83.2090, 40.8160,
115.5807

■ 240.6460, -3.2765,
-22.4915

■ 241.2160, -1.0925,
-22.9914

■ 241.7860, 1.0915,
-23.4913

Harmonies

Analogous

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



173.0910, 25.5911, 5.1822



174.5480, 12.5478, 35.4764



173.2330, -3.0729, 52.4157

Triad

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



174.5480, 12.5478, 35.4764



167.1570, -31.6294, 18.2793



143.3160, 30.4102, -94.1161

Complementary

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



174.5480, 12.5478, 35.4764



189.4520, -12.5478, -35.4764

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.



150.7090, 10.9895, -71.6588



174.5480, 12.5478, 35.4764



163.8160, -24.5593, -9.4856

Square

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



174.5480, 12.5478, 35.4764



169.9840, -29.0791, 40.3560



158.2280, -9.4794, -39.6650



153.7670, 36.5969, -71.7097

Rectangle

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



174.5480, 12.5478, 35.4764



172.4970, -13.5560, 54.8151



158.2280, -9.4794, -39.6650



144.5570, 24.8684, -89.9425

Sweetspot

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



174.5480, 12.5478, 35.4764



240.9290, 4.4720, 12.3403



160.7100, 26.7650, 2.0083



118.7390, 2.5937, 8.1219



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.



174.5480, 12.5478, 35.4764



197.4280, 18.0300, 50.4906



170.9000, -1.4297, 38.6757



100.3150, 2.3097, 5.8627



66.1770, 32.4507, 91.9298



16.6190, 8.0758, 23.1361

Inverse Universe

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



174.5480, 12.5478, 35.4764



197.4280, 18.0300, 50.4906



193.1000, 1.4297, -38.6757



100.3150, 2.3097, 5.8627



66.1770, 32.4507, 91.9298



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 174.5480, 12.5478, 35.4764 looks on a white background.

Color Contrast Check

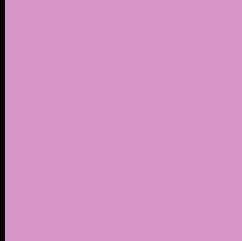
Large Text (above 18pt) WCAG AA × Fail

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 174.5480, 12.5478, 35.4764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

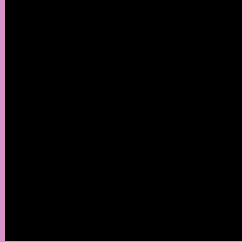
Any Text WCAG AA ✓ Pass

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 174.5480, 12.5478, 35.4764 Background



This preview shows how black text looks on a background with the YUV color 174.5480, 12.5478, 35.4764.



This preview shows how white text looks on a background with the YUV color 174.5480, 12.5478,

35.4764.

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

174.5480, 12.5478, 35.4764

Protanopia

170.4390, 20.9826, -10.0320

Deuteranopia

171.9260, 12.3615, 1.8189



Tritanopia

173.1120, -3.0132, 33.2278

Trichromacy



Original Color

174.5480, 12.5478, 35.4764



Protanomaly

171.7400, 17.8762, 6.3670



Deuteranomaly

173.0030, 12.3235, 14.0294



Tritanomaly

173.6050, 2.6597, 33.6724

Monochromacy



Original Color

174.5480, 12.5478, 35.4764



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.2280, 4.3246, 12.9550

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5480, 12.5478, 35.4764 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(215, 149, 200)` looks like.

```
.text, #text, p{  
    color:rgb(215, 149, 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(215, 149, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 149, 200) }
```

Border

The CSS property to change the border of an element to YUV 174.5480, 12.5478, 35.4764 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(215, 149, 200) }
```


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

```
.border{ border-color:rgb(215, 149, 200) }
```

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

Here you see how a box with a 4 pixel rgb(215, 149, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 149, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 149, 200);  
box-shadow:4px 4px 4px 4px rgb(215, 149,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 174.5480, 12.5478, 35.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 149, 200) }
```

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

```
.background{ background-color: rgb(215,  
149, 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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