

Converting Colors

YUV(148.7780, 30.6754,
54.5687)

Have a look what the booklet for
YUV(148.7780, 30.6754, 54.5687)
contains.

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Color

**YUV(148.7780, 30.6754,
54.5687)**

Conversions

Conversions Part 1

Format	Color
Hex	D369D3
RGB	211, 105, 211
RGB Percent	83%, 41%, 83%
CMY	0.1725, 0.5882, 0.1725
CMYK	0.00, 0.50, 0.00, 0.17
HSL	300°, 55%, 62%
HSV	300°, 50%, 83%
XYZ	43.6734, 28.6552, 64.8572
YIQ	148.7780, 29.1500, 55.4380

Conversions

Conversions Part 2

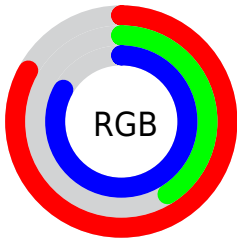
Format	Color
R _Y B	211, 105, 211
Decimal	13855187
CIE Lab	60.48, 56.19, -36.42
CIE LCh	60, 66.964, 327.049
Yxy	28.6552, 0.3184, 0.2089
Android (android.graphics.Color)	4292045267 (0xFFD369D3)
YUV	148.7780, 30.6754, 54.5687
Hunter-Lab	53.5305, 51.9525, -34.3639

Details

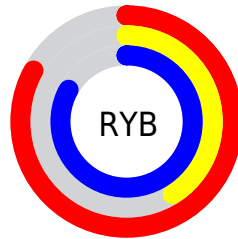
The YUV color **148.7780, 30.6754, 54.5687** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **167.2220, -30.6754, -54.5687**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2350, 27.4921, 48.9059**, and **93.1800, 30.9703, 53.3391** is the 20% darker color. If you saturate the color by 10%, you get **136.4510, 36.7527, 65.3795**, and if you desaturate by 10%, it is **161.1050, 24.5982, 43.7579**.

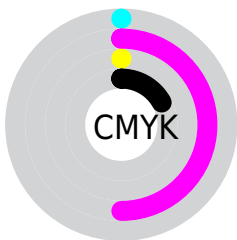
Distribution



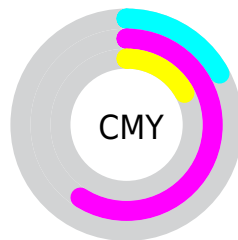
- Red (83%)
- Green (41%)
- Blue (83%)



- Red (83%)
- Yellow (41%)
- Blue (83%)



- Cyan (0%)
- Magenta (50%)
- Yellow (0%)
- Black (17%)




- Cyan (17%)
- Magenta (59%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.7780, 30.6754, 54.5687 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 148.7780, 30.6754, 54.5687 by changing the saturation by 10% instead.


 148.7780, 30.6754,
54.5687


 148.7780, 30.6754,
54.5687


255.0000, 0.0000,
0.0000


 121.0660, 30.5335,
53.4391

 199.2350, 27.4921,
48.9059


 93.1800, 30.9703,
53.3391


 215.6710, 19.3892,
34.4915


 61.8860, 33.5802,
56.2280

 232.6940, 10.9969,
19.5624

 41.4570, 30.8337,
50.4652

 249.7170, 2.6045,
4.6332

 30.8330, 23.7463,
36.9805

 21.3340, 17.0903,
25.1401

 8.3610, 12.6400,

5.8224

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 148.7780, 30.6754,
54.5687

■ 148.7780, 30.6754,
54.5687

■ 136.4510, 36.7527,
65.3795

■ 161.1050, 24.5982,
43.7579

■ 124.1240, 42.8299,
76.1903

■ 173.4320, 18.5210,
32.9471

■ 111.7970, 48.9071,
87.0010

■ 185.7590, 12.4438,
22.1364

■ 99.4700, 54.9843,
97.8118

■ 198.0860, 6.3666,
11.3256

87.1430, 61.0615,
108.6226

211.0000, 0.0000,
0.0000

223.3270, -6.0772,
-10.8108

235.6540,
-12.1544, -21.6216

236.8280,
-12.7332, -22.6512

Harmonies

Analogous

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



146.5660, 51.9790, -11.8974



148.7780, 30.6754, 54.5687



141.8910, 5.9697, 92.1806

Triad

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



148.7780, 30.6754, 54.5687



136.2880, -67.1900, 37.4584



124.1230, 36.4214, -108.8559

Complementary

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



148.7780, 30.6754, 54.5687



167.2220, -30.6754, -54.5687

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.



117.2830, 10.2135, -102.8572



148.7780, 30.6754, 54.5687



131.5040, -54.9715, -8.3350

Square

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



148.7780, 30.6754, 54.5687



140.2580, -47.9482, 72.5647



111.6940, -16.6111, -85.6776



126.4320, 57.9610, -110.8809

Rectangle

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



148.7780, 30.6754, 54.5687



139.2280, -11.9444, 98.0240



111.6940, -16.6111, -85.6776



121.9570, 28.1222, -106.9563

Sweetspot

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



148.7780, 30.6754, 54.5687



232.6940, 10.9969, 19.5624



117.0840, 46.3006, -10.5977



114.4990, 6.6560, 11.8404



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.



148.7780, 30.6754, 54.5687



165.1890, 44.2768, 78.7642



142.7360, 7.5252, 59.8675



98.5430, 3.1833, 5.6628



69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Inverse Universe

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



148.7780, 30.6754, 54.5687



165.1890, 44.2768, 78.7642



173.2640, -7.5252, -59.8675



98.5430, 3.1833, 5.6628



69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 148.7780, 30.6754, 54.5687 looks on a white background.

Color Contrast Check

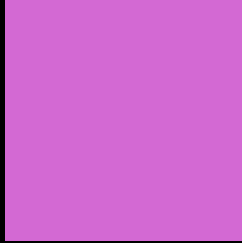
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.7780, 30.6754, 54.5687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

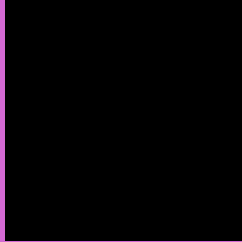
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.7780, 30.6754, 54.5687

Background



This preview shows how black text looks on a background with the YUV color 148.7780, 30.6754, 54.5687.



This preview shows how white text looks on a background with the YUV color 148.7780, 30.6754, 54.5687.

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

148.7780, 30.6754, 54.5687

Protanopia

143.0380, 49.2813, -33.3593

Deuteranopia

146.0450, 28.5718, -17.5795



Tritanopia

148.0490, -7.4192, 46.4380

Trichromacy



Original Color

148.7780, 30.6754, 54.5687



Protanomaly

145.1130, 42.3423, -0.9761



Deuteranomaly

146.8510, 29.6535, 8.9007



Tritanomaly

148.3280, 6.2473, 49.7013

Monochromacy



Original Color

148.7780, 30.6754, 54.5687



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.1070, 11.2862, 20.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.7780, 30.6754, 54.5687 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(211, 105, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 105, 211)  
}
```

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(211, 105, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 105, 211) }
```

Border

The CSS property to change the border of an element to YUV 148.7780, 30.6754, 54.5687 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(211, 105, 211) }
```


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

```
.border{ border-color:rgb(211, 105, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 105, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 105, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 105, 211); box-shadow:4px 4px 4px 4px rgb(211, 105, 211) }
```

Background

The CSS property to change the background color of an element to YUV 148.7780, 30.6754, 54.5687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 105, 211) }
```

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

```
.background{ background-color: rgb(211,  
105, 211) }
```

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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