

Converting Colors

YUV(165.4520, 24.9202,
33.8066)

Have a look what the booklet for
YUV(165.4520, 24.9202, 33.8066)
contains.

YUV(165.4520, 24.9202, 33.8066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(165.4520, 24.9202,
33.8066)**

Conversions

Conversions Part 1

Format	Color
Hex	CC88D8
RGB	204, 136, 216
RGB Percent	80%, 53%, 85%
CMY	0.2000, 0.4667, 0.1529
CMYK	0.06, 0.37, 0.00, 0.15
HSL	291°, 51%, 69%
HSV	291°, 37%, 85%
XYZ	46.1007, 35.4036, 69.3695
YIQ	165.4520, 14.8480, 39.2960

Conversions

Conversions Part 2

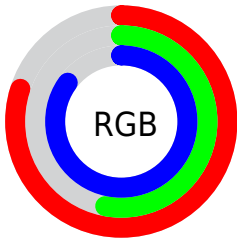
Format	Color
R_{YB}	204, 136, 216
Decimal	13404376
CIE _{Lab}	66.06, 39.14, -30.61
CIE _{LCh}	66, 49.684, 321.970
Yxy	35.4036, 0.3056, 0.2347
Android (android.graphics.Color)	4291594456 (0xFFCC88D8)
YUV	165.4520, 24.9202, 33.8066
Hunter-Lab	59.5009, 34.1734, -27.4731

Details

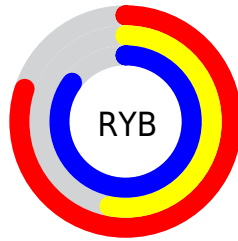
The YUV color **165.4520, 24.9202, 33.8066** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **186.5480, -24.9202, -33.8066**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8450, 18.8104, 33.4619**, and **111.9140, 24.1994, 31.6474** is the 20% darker color. If you saturate the color by 10%, you get **151.6410, 31.7290, 43.2878**, and if you desaturate by 10%, it is **179.2630, 18.1113, 24.3253**.

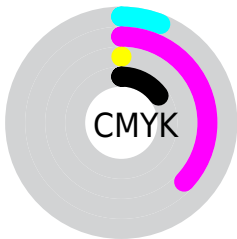
Distribution



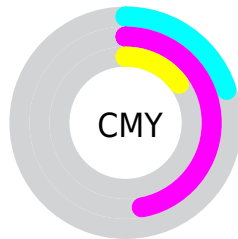
- Red (80%)
- Green (53%)
- Blue (85%)



- Red (80%)
- Yellow (53%)
- Blue (85%)



- Cyan (6%)
- Magenta (37%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (47%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4520, 24.9202, 33.8066 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 165.4520, 24.9202, 33.8066 by changing the saturation by 10% instead.

165.4520, 24.9202,
33.8066

165.4520, 24.9202,
33.8066

255.0000, 0.0000,
0.0000

138.6260, 24.3414,
32.7770

216.8450, 18.8104,
33.4619

111.9140, 24.1994,
31.6474

233.8680, 10.4181,
18.5328

86.9740, 23.1838,
30.7178

250.3040, 2.3151,
4.1184

61.6750, 23.3312,
30.1030

34.6150, 24.3468,
31.0326

20.7080, 19.8640,
22.1811

11.3230, 13.6448,

10.2407

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 165.4520, 24.9202,
33.8066

■ 165.4520, 24.9202,
33.8066

■ 151.6410, 31.7290,
43.2878

■ 179.2630, 18.1113,
24.3253

■ 138.4170, 38.2484,
52.2543

■ 192.4870, 11.5919,
15.3589

■ 124.3070, 45.2046,
61.1208

■ 206.5970, 4.6357,
6.4924

■ 111.0830, 51.7241,
70.0872

■ 219.8210, -1.8838,
-2.4740

97.2720, 58.5329,
79.5685

233.6320, -8.6926,
-11.9553

83.4610, 65.3417,
89.0497

240.9860,
-12.3181, -15.7737

79.6400, 67.2255,
91.5237

242.1820,
-12.9077, -13.3146

243.0790,
-13.3499, -11.4703

243.9760,
-13.7922, -9.6260

Harmonies

Analogous

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



161.1560, 40.3491, -15.0458



165.4520, 24.9202, 33.8066



163.4870, 5.1829, 64.4709

Triad

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



165.4520, 24.9202, 33.8066



157.2810, -43.0295, 34.8336



129.3090, 30.9067, -113.4040

Complementary

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



165.4520, 24.9202, 33.8066



186.5480, -24.9202, -33.8066

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.



123.5920, 11.5401, -108.3902



165.4520, 24.9202, 33.8066



153.0980, -38.9953, 0.7911

Square

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



165.4520, 24.9202, 33.8066



159.3780, -33.2174, 61.0585



146.5410, -20.9727, -39.9395



131.2930, 48.6626, -115.1440

Rectangle

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



165.4520, 24.9202, 33.8066



161.5730, -8.6635, 72.2885



146.5410, -20.9727, -39.9395



127.7130, 24.7915, -112.0043

Sweetspot

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



165.4520, 24.9202, 33.8066



237.3680, 8.6926, 11.9553



152.1640, 31.4711, -14.1758



117.1240, 5.3619, 6.9073



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.



165.4520, 24.9202, 33.8066



184.1730, 34.9177, 47.2063



165.8480, 10.9209, 43.9833



99.9450, 3.4781, 4.4332



62.8490, 53.3184, 72.0464



15.9650, 13.3283, 18.4477

Inverse Universe

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



161.2880, -6.5510, 47.9824



178.4260, -9.0840, 67.1554



186.1520, -10.9209, -43.9833



99.5170, -0.7479, 6.5626



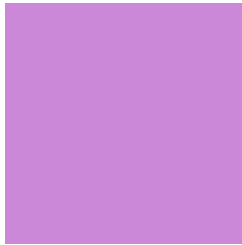
54.0930, -13.8498, 102.5274



13.6550, -3.2809, 25.7356

Previews

White Background



This preview shows how the YUV color 165.4520, 24.9202, 33.8066 looks on a white background.

Color Contrast Check

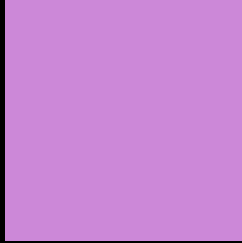
Large Text (above 18pt) WCAG AA × Fail

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 165.4520, 24.9202, 33.8066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

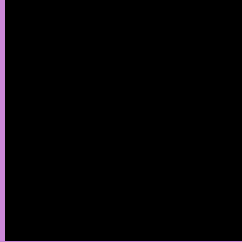
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.4520, 24.9202, 33.8066

Background



This preview shows how black text looks on a background with the YUV color 165.4520, 24.9202, 33.8066.



This preview shows how white text looks on a background with the YUV color 165.4520, 24.9202, 33.8066.

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

165.4520, 24.9202, 33.8066

Protanopia

159.9720, 36.0028, -21.0234

Deuteranopia

161.4650, 24.9138, -10.9318



Tritanopia

163.6060, -2.2708, 28.4095

Trichromacy



Original Color

165.4520, 24.9202, 33.8066



Protanomaly

162.0670, 32.0120, -0.9358



Deuteranomaly

162.8630, 24.7175, 5.3821



Tritanomaly

164.5490, 7.6173, 30.2135

Monochromacy



Original Color

165.4520, 24.9202, 33.8066



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.8950, 9.4188, 12.3701

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4520, 24.9202, 33.8066 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(204, 136, 216)` looks like.

```
.text, #text, p{  
    color:rgb(204, 136, 216)  
}
```

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(204, 136, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 136, 216) }
```

Border

The CSS property to change the border of an element to YUV 165.4520, 24.9202, 33.8066 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(204, 136, 216) }
```


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

```
.border{ border-color:rgb(204, 136, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 136, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 136, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 136, 216);  
box-shadow:4px 4px 4px 4px rgb(204, 136,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 165.4520, 24.9202, 33.8066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 136, 216) }
```

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

```
.background{ background-color: rgb(204,  
136, 216) }
```

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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