

Converting Colors

YUV(204.4200, 16.5549,
10.1557)

Have a look what the booklet for
YUV(204.4200, 16.5549, 10.1557)
contains.

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Color

**YUV(204.4200, 16.5549,
10.1557)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C0EE
RGB	216, 192, 238
RGB Percent	85%, 75%, 93%
CMY	0.1529, 0.2471, 0.0667
CMYK	0.09, 0.19, 0.00, 0.07
HSL	271°, 58%, 84%
HSV	271°, 19%, 93%
XYZ	62.6012, 58.4713, 88.8756
YIQ	204.4200, -0.4620, 19.3940

Conversions

Conversions Part 2

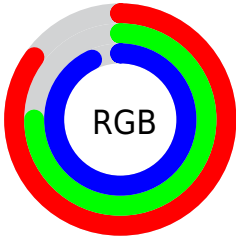
Format	Color
R _Y B	216, 192, 238
Decimal	14205166
CIE Lab	81.00, 16.92, -19.67
CIE LCh	81, 25.950, 310.709
Yxy	58.4713, 0.2982, 0.2785
Android (android.graphics.Color)	4292395246 (0xFFD8C0EE)
YUV	204.4200, 16.5549, 10.1557
Hunter-Lab	76.4665, 12.3170, -15.3851

Details

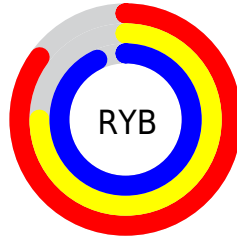
The YUV color **204.4200, 16.5549, 10.1557** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **225.5800, -16.5549, -10.1557**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8910, 2.0257, 3.6036**, and **149.8930, 15.8288, 9.7408** is the 20% darker color. If you saturate the color by 10%, you get **187.0430, 25.1218, 15.7483**, and if you desaturate by 10%, it is **221.7970, 7.9881, 4.5630**.

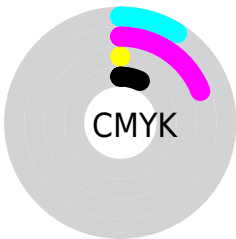
Distribution



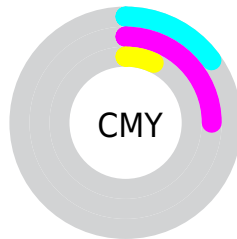
- Red (85%)
- Green (75%)
- Blue (93%)



- Red (85%)
- Yellow (75%)
- Blue (93%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)





- Cyan (15%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.4200, 16.5549, 10.1557 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 204.4200, 16.5549, 10.1557 by changing the saturation by 10% instead.


 204.4200, 16.5549,
10.1557


 204.4200, 16.5549,
10.1557


255.0000, 0.0000,
0.0000


 177.0070, 16.2655,
9.6409


 250.8910, 2.0257,
3.6036

 149.8930, 15.8288,
9.7408

 124.0670, 15.2500,
8.7112

 98.9530, 14.8132,
8.8112

 75.1270, 14.2344,
7.7816

 52.6000, 13.5082,
7.3668

 30.6600, 12.4926,

6.4372

■ 9.9700, 12.3398,
8.7963

■ 1.1400, 4.3680,
-0.9998

■ 204.4200, 16.5549,
10.1557

■ 204.4200, 16.5549,
10.1557

■ 187.0430, 25.1218,
15.7483

■ 221.7970, 7.9881,
4.5630

■ 169.3670, 33.8361,
20.7261

■ 239.4730, -0.7262,
-0.4148

■ 152.5770, 42.1135,
25.8040

■ 251.5670, -6.6885,
-1.3743

■ 134.9010, 50.8278,
30.7818

■ 253.0620, -7.4256,
1.6996

■ 117.5240, 59.3947,
36.3745

■ 100.1470, 67.9615,
41.9671

■ 82.4710, 76.6758,
46.9449

■ 65.6810, 84.9533,
52.0228

■ 64.2080, 85.6795,
52.4376

Harmonies

Analogous

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



200.6880, 23.3248, -14.6354



204.4200, 16.5549, 10.1557



205.7940, 6.0176, 29.9987

Triad

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



204.4200, 16.5549, 10.1557



201.3290, -22.3472, 27.7755



190.6950, 9.0244, -47.9675

Complementary

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



204.4200, 16.5549, 10.1557



225.5800, -16.5549, -10.1557

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.



193.2380, -4.5543, -32.6577



204.4200, 16.5549, 10.1557



198.8060, -22.5824, 9.8171

Square

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



204.4200, 16.5549, 10.1557



203.4150, -15.9806, 39.1010



196.0960, -15.8233, -11.4852



191.2460, 20.0917, -51.0817

Rectangle

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



204.4200, 16.5549, 10.1557



205.3730, -2.1559, 38.2609



196.0960, -15.8233, -11.4852



191.2780, 4.7929, -44.0938

Sweetspot

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



204.4200, 16.5549, 10.1557



244.1020, 5.3727, 3.4185



210.1580, 13.7261, -15.9246



121.2220, 3.3416, 1.5593



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.



204.4200, 16.5549, 10.1557



211.9950, 21.2015, 13.1594



210.8840, 12.8752, 23.7807



111.1620, 4.3571, 2.4889



49.6800, 66.2198, 40.6226



15.0550, 20.1859, 12.2298

Inverse Universe

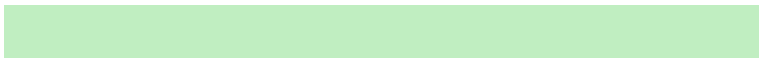
The Inverse Universe completely reimagines the original color for something new.



208.2620, 2.8288, 26.0802



216.8330, 3.5333, 33.4725



219.1160, -12.8752, -23.7807



112.2720, 0.8519, 6.7775



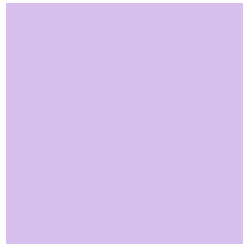
65.0480, 11.3153, 104.3209



19.8220, 3.5388, 31.7281

Previews

White Background



This preview shows how the YUV color 204.4200, 16.5549, 10.1557 looks on a white background.

Color Contrast Check

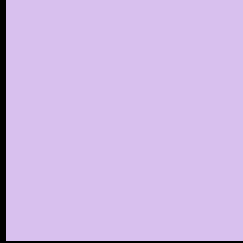
Large Text (above 18pt) WCAG AA × Fail

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 204.4200, 16.5549, 10.1557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

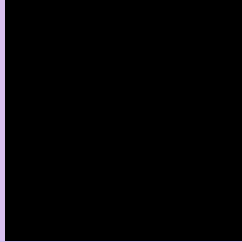
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.4200, 16.5549, 10.1557

Background



This preview shows how black text looks on a background with the YUV color 204.4200, 16.5549, 10.1557.



This preview shows how white text looks on a background with the YUV color 204.4200, 16.5549,

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

204.4200, 16.5549, 10.1557

Protanopia

201.9230, 20.2510, -8.7025

Deuteranopia

202.7670, 16.8769, 0.2043



Tritanopia

203.1950, 4.3409, 7.7220

Trichromacy



Original Color

204.4200, 16.5549, 10.1557

Protanomaly

202.6250, 18.9189, -1.4251

Deuteranomaly

203.6750, 16.4292, 3.7930

Tritanomaly

203.3460, 8.7034, 8.4666

Monochromacy



Original Color

204.4200, 16.5549, 10.1557

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.2160, 5.8095, 3.3186

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.4200, 16.5549, 10.1557 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(216, 192, 238)` looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 238)  
}
```

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(216, 192, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 238) }
```

Border

The CSS property to change the border of an element to YUV 204.4200, 16.5549, 10.1557 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(216, 192, 238) }
```


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

```
.border{ border-color:rgb(216, 192, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 192, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 192, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 192, 238);  
box-shadow:4px 4px 4px 4px rgb(216, 192,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 204.4200, 16.5549, 10.1557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 192, 238) }
```

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

```
.background{ background-color: rgb(216,  
192, 238) }
```

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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