

Converting Colors

YUV(204.9960, 16.2710, 7.8965)

Have a look what the booklet for
YUV(204.9960, 16.2710, 7.8965)
contains.

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Color

**YUV(204.9960, 16.2710,
7.8965)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C2EE
RGB	214, 194, 238
RGB Percent	84%, 76%, 93%
CMY	0.1608, 0.2392, 0.0667
CMYK	0.10, 0.18, 0.00, 0.07
HSL	267°, 56%, 85%
HSV	267°, 18%, 93%
XYZ	62.4560, 59.0528, 88.9955
YIQ	204.9960, -2.2040, 17.9240

Conversions

Conversions Part 2

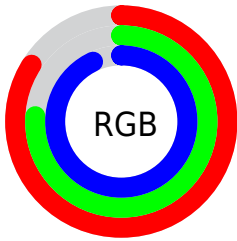
Format	Color
R _Y B	214, 194, 238
Decimal	14074606
CIE Lab	81.32, 15.21, -19.20
CIE LCh	81, 24.494, 308.377
Yxy	59.0528, 0.2967, 0.2805
Android (android.graphics.Color)	4292264686 (0xFFD6C2EE)
YUV	204.9960, 16.2710, 7.8965
Hunter-Lab	76.8458, 10.5947, -14.8720

Details

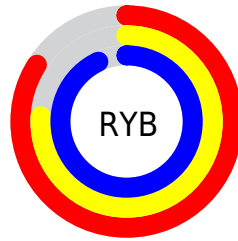
The YUV color **204.9960, 16.2710, 7.8965** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **227.0040, -16.2710, -7.8965**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6520, 1.1576, 2.0592**, and **150.4690, 15.5448, 7.4817** is the 20% darker color. If you saturate the color by 10%, you get **187.0210, 25.1326, 12.2596**, and if you desaturate by 10%, it is **222.9710, 7.4093, 3.5334**.

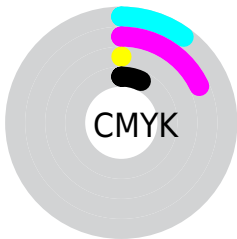
Distribution



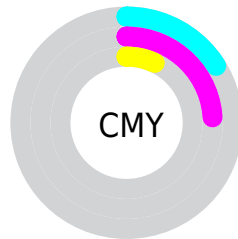
- Red (84%)
- Green (76%)
- Blue (93%)



- Red (84%)
- Yellow (76%)
- Blue (93%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.9960, 16.2710, 7.8965 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 204.9960, 16.2710, 7.8965 by changing the saturation by 10% instead.

■ 204.9960, 16.2710,
7.8965

■ 204.9960, 16.2710,
7.8965

■ 255.0000, 0.0000,
0.0000

■ 177.5830, 15.9816,
7.3817

■ 252.6520, 1.1576,
2.0592

■ 150.4690, 15.5448,
7.4817

■ 124.9420, 14.8186,
7.0669

■ 99.5290, 14.5292,
6.5521

■ 76.0020, 13.8030,
6.1372

■ 52.5890, 13.5136,
5.6224

■ 30.7630, 12.9348,

4.5928

■ 9.3720, 12.6346,
7.5668

■ 1.1400, 4.3680,
-0.9998

■ 204.9960, 16.2710,
7.8965

■ 204.9960, 16.2710,
7.8965

■ 187.0210, 25.1326,
12.2596

■ 222.9710, 7.4093,
3.5334

■ 169.0460, 33.9943,
16.6227

■ 240.9460, -1.4524,
-0.8296

■ 151.6580, 42.5666,
20.4709

■ 252.4640, -7.1308,
0.4701

■ 133.6830, 51.4283,
24.8340

■ 253.0620, -7.4256,
1.6996

■ 115.7080, 60.2900,
29.1971

■ 97.7330, 69.1516,
33.5602

■ 79.7580, 78.0133,
37.9232

■ 62.3700, 86.5856,
41.7715

■ 59.4240, 88.0380,
42.6012

Harmonies

Analogous

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



201.7480, 22.3092, -15.5650



204.9960, 16.2710, 7.8965



206.1850, 6.3178, 27.0248

Triad

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



204.9960, 16.2710, 7.8965



202.6710, -21.0368, 27.4755



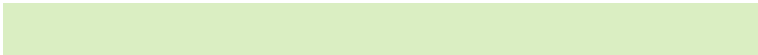
192.3750, 7.7031, -44.1789

Complementary

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



204.9960, 16.2710, 7.8965



227.0040, -16.2710, -7.8965

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.



195.0320, -5.4388, -28.9691



204.9960, 16.2710, 7.8965



200.7460, -21.5668, 10.7468

Square

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



204.9960, 16.2710, 7.8965



204.1590, -14.3754, 37.5716



197.5200, -15.5394, -9.2260



193.3990, 18.0443, -47.7079

Rectangle

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



204.9960, 16.2710, 7.8965



205.9920, -0.9821, 35.0870



197.5200, -15.5394, -9.2260



193.2570, 3.3243, -39.6904

Sweetspot

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



204.9960, 16.2710, 7.8965



243.8030, 5.5201, 2.8038



213.1040, 12.2737, -16.7542



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.



204.9960, 16.2710, 7.8965



212.8590, 20.7755, 9.7707



211.5740, 13.0280, 21.4216



110.8630, 4.5045, 1.8741



45.7930, 68.1361, 32.6305



14.1580, 20.6281, 10.3854

Inverse Universe

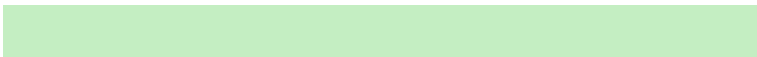
The Inverse Universe completely reimagines the original color for something new.



209.8920, 3.9972, 24.6507



219.1640, 4.8491, 31.4282



220.4260, -13.0280, -21.4216



112.2720, 0.8519, 6.7775



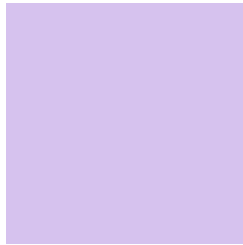
66.4160, 16.5569, 103.1212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 204.9960, 16.2710, 7.8965 looks on a white background.

Color Contrast Check

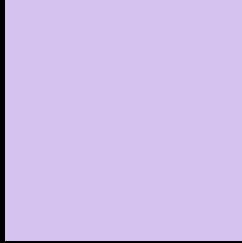
Large Text (above 18pt) WCAG AA × Fail

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 204.9960, 16.2710, 7.8965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

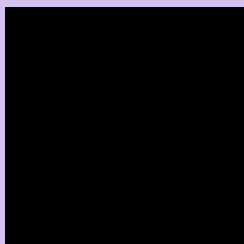
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.9960, 16.2710, 7.8965

Background



This preview shows how black text looks on a background with the YUV color 204.9960, 16.2710, 7.8965.



This preview shows how white text looks on a background with the YUV color 204.9960, 16.2710,

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

204.9960, 16.2710, 7.8965

Protanopia

202.6950, 19.3774, -8.5025

Deuteranopia

203.9520, 16.2927, 0.9191



Tritanopia

203.4120, 5.2199, 5.7777

Trichromacy



Original Color

204.9960, 16.2710, 7.8965

Protanomaly

203.7990, 18.3401, -2.4547

Deuteranomaly

204.2620, 16.1398, 3.2782

Tritanomaly

204.1500, 9.2930, 6.0074

Monochromacy



Original Color

204.9960, 16.2710, 7.8965

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.9170, 5.9569, 2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.9960, 16.2710, 7.8965 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, 194, 238)` looks like.

```
.text, #text, p{  
    color:rgb(214, 194, 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(214, 194, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 194, 238) }
```

Border

The CSS property to change the border of an element to YUV 204.9960, 16.2710, 7.8965 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, 194, 238) }
```


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

```
.border{ border-color:rgb(214, 194, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 194, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 194, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 194, 238); box-shadow:4px 4px 4px 4px rgb(214, 194, 238) }
```

Background

The CSS property to change the background color of an element to YUV 204.9960, 16.2710, 7.8965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 194, 238) }
```

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

```
.background{ background-color: rgb(214,  
194, 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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