

Converting Colors

YUV(204.4980, 8.1355, 3.9483)

Have a look what the booklet for
YUV(204.4980, 8.1355, 3.9483)
contains.

YUV(204.4980, 8.1355, 3.9483)	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(204.4980, 8.1355,
3.9483)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C7DD
RGB	209, 199, 221
RGB Percent	82%, 78%, 87%
CMY	0.1804, 0.2196, 0.1333
CMYK	0.05, 0.10, 0.00, 0.13
HSL	267°, 24%, 82%
HSV	267°, 10%, 87%
XYZ	59.7691, 59.6226, 76.7648
YIQ	204.4980, -1.1020, 8.9620

Conversions

Conversions Part 2

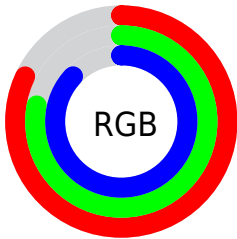
Format	Color
R _{YB}	209, 199, 221
Decimal	13748189
CIE Lab	81.63, 7.54, -9.67
CIE LCh	82, 12.262, 307.926
Yxy	59.6226, 0.3047, 0.3040
Android (android.graphics.Color)	4291938269 (0xFFD1C7DD)
YUV	204.4980, 8.1355, 3.9483
Hunter-Lab	77.2157, 3.0411, -4.8928

Details

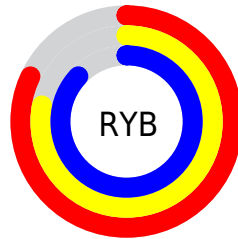
The YUV color `204.4980, 8.1355, 3.9483` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `215.5020, -8.1355, -3.9483`, and the grayscale version is `204.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `150.3840, 7.6987, 4.0482` is the 20% darker color. If you saturate the color by 10%, you get `187.9960, 16.2710, 7.8965`, and if you desaturate by 10%, it is `221.0000, 0.0000, 0.0000`.

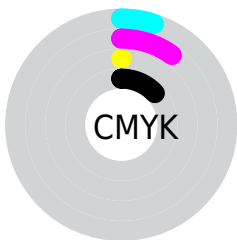
Distribution



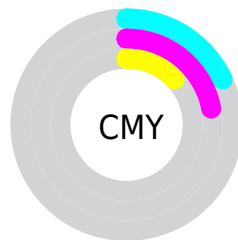
- Red (82%)
- Green (78%)
- Blue (87%)



- Red (82%)
- Yellow (78%)
- Blue (87%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.4980, 8.1355, 3.9483 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 204.4980, 8.1355, 3.9483 by changing the saturation by 10% instead.

■ 204.4980, 8.1355,
3.9483

■ 204.4980, 8.1355,
3.9483

255.0000, 0.0000,
0.0000

■ 177.0850, 7.8461,
3.4335

■ 150.3840, 7.6987,
4.0482

■ 124.3840, 7.6987,
4.0482

■ 99.5580, 7.1199,
3.0186

■ 75.5580, 7.1199,
3.0186

■ 53.0310, 6.3937,
2.6038

■ 31.9170, 5.9569,

2.7038

■ 7.5090, 8.1301,
5.6926

■ 0.0000, 0.0000,
0.0000

■ 204.4980, 8.1355,
3.9483

■ 204.4980, 8.1355,
3.9483

■ 187.9960, 16.2710,
7.8965

■ 221.0000, 0.0000,
0.0000

■ 171.4940, 24.4065,
11.8448

■ 237.5020, -8.1355,
-3.9483

■ 154.9920, 32.5419,
15.7930

■ 248.1340,
-13.3771, -2.7485

■ 138.4900, 40.6774,
19.7413

■ 251.1240,
-14.8511, 3.3993

■ 121.9880, 48.8129,
23.6895

■ 104.8990, 57.2378,
28.1526

■ 88.3970, 65.3733,
32.1008

■ 71.8950, 73.5088,
36.0491

■ 55.3930, 81.6443,
39.9973

Harmonies

Analogous

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



203.1160, 10.7888, -7.1177



204.4980, 8.1355, 3.9483



205.2990, 3.3036, 13.7698

Triad

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



204.4980, 8.1355, 3.9483



203.3410, -10.5211, 14.6099



199.3780, 3.2646, -20.5025

Complementary

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



204.4980, 8.1355, 3.9483



215.5020, -8.1355, -3.9483

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.



199.8150, -2.8668, -13.8698



204.4980, 8.1355, 3.9483



202.1720, -10.9308, 5.9882

Square

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



204.4980, 8.1355, 3.9483



204.4710, -7.6272, 19.7579



201.2030, -7.9881, -4.5630



199.7460, 8.5062, -21.7022

Rectangle

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



204.4980, 8.1355, 3.9483



205.2950, -0.6384, 18.1583



201.2030, -7.9881, -4.5630



199.5200, 1.2226, -18.8730

Sweetspot

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



204.4980, 8.1355, 3.9483



249.1080, 2.9048, 1.6593



208.5520, 6.1369, -8.3771



123.5810, 2.1786, 1.2445



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.



204.4980, 8.1355, 3.9483



231.7200, 11.4770, 5.5076



207.7870, 6.5140, 10.7108



101.7490, 4.0677, 1.9741



43.3430, 63.9209, 31.2712



11.5230, 16.9972, 8.3113

Inverse Universe

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



206.9460, 1.9986, 12.3254



235.2070, 2.8559, 17.3585



212.2130, -6.5140, -10.7108



102.9730, 0.9993, 6.1627



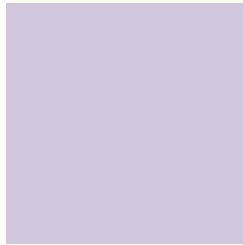
62.5570, 15.9944, 96.8585



16.6040, 4.1392, 25.7803

Previews

White Background



This preview shows how the YUV color 204.4980, 8.1355, 3.9483 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 204.4980, 8.1355, 3.9483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

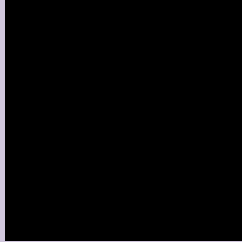
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.4980, 8.1355, 3.9483

Background



This preview shows how black text looks on a background with the YUV color 204.4980, 8.1355, 3.9483.



This preview shows how white text looks on a background with the YUV color 204.4980, 8.1355,

3.9483.

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

204.4980, 8.1355, 3.9483

Protanopia

203.5080, 9.6096, -2.1995

Deuteranopia

204.8190, 7.9772, 8.0517



Tritanopia

204.2160, 5.8095, 3.3186

Trichromacy



Original Color

204.4980, 8.1355, 3.9483

Protanomaly

203.7040, 9.0199, 0.2596

Deuteranomaly

204.8080, 7.9827, 6.3074

Tritanomaly

204.4440, 6.6831, 3.1186

Monochromacy



Original Color

204.4980, 8.1355, 3.9483

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.1080, 2.9048, 1.6593

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.4980, 8.1355, 3.9483 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(209, 199, 221)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 221)  
}
```

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(209, 199, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 221) }
```

Border

The CSS property to change the border of an element to YUV 204.4980, 8.1355, 3.9483 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(209, 199, 221) }
```


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

```
.border{ border-color:rgb(209, 199, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 221);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 204.4980, 8.1355, 3.9483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 221) }
```

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

```
.background{ background-color: rgb(209,  
199, 221) }
```

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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