

Converting Colors

YUV(204.2180, 19.6125, 9.4558)

Have a look what the booklet for
YUV(204.2180, 19.6125, 9.4558)
contains.

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Color

**YUV(204.2180, 19.6125,
9.4558)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BFF4
RGB	215, 191, 244
RGB Percent	84%, 75%, 96%
CMY	0.1569, 0.2510, 0.0431
CMYK	0.12, 0.22, 0.00, 0.04
HSL	267°, 71%, 85%
HSV	267°, 22%, 96%
XYZ	62.9843, 58.2403, 93.5098
YIQ	204.2180, -2.7090, 21.5710

Conversions

Conversions Part 2

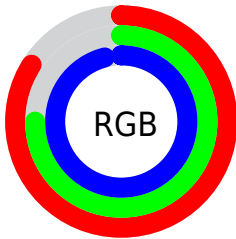
Format	Color
R _Y B	215, 191, 244
Decimal	14139380
CIE Lab	80.87, 18.36, -23.08
CIE LCh	81, 29.497, 308.499
Yxy	58.2403, 0.2933, 0.2712
Android (android.graphics.Color)	4292329460 (0xFFD7BFF4)
YUV	204.2180, 19.6125, 9.4558
Hunter-Lab	76.3154, 13.7670, -19.2278

Details

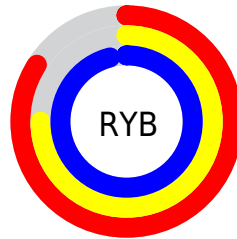
The YUV color $204.2180, 19.6125, 9.4558$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $230.7820, -19.6125, -9.4558$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.3040, 2.3151, 4.1184$, and $149.6910, 18.8863, 9.0410$ is the 20% darker color. If you saturate the color by 10%, you get $186.2430, 28.4742, 13.8189$, and if you desaturate by 10%, it is $222.1930, 10.7509, 5.0927$.

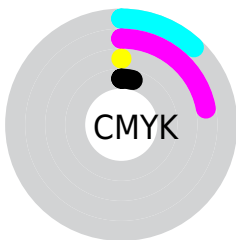
Distribution



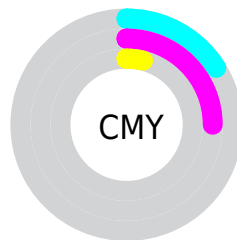
- Red (84%)
- Green (75%)
- Blue (96%)



- Red (84%)
- Yellow (75%)
- Blue (96%)



- Cyan (12%)
- Magenta (22%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (25%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.2180, 19.6125, 9.4558 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 204.2180, 19.6125, 9.4558 by changing the saturation by 10% instead.

204.2180, 19.6125,
9.4558

204.2180, 19.6125,
9.4558

255.0000, 0.0000,
0.0000

176.8050, 19.3231,
8.9410

250.3040, 2.3151,
4.1184

149.6910, 18.8863,
9.0410

123.8650, 18.3076,
8.0114

98.6370, 17.4340,
8.2114

74.8110, 16.8552,
7.1818

51.8710, 15.8396,
6.2521

30.0450, 15.2608,

5.2225

■ 10.1270, 14.2344,
7.7816

■ 2.5250, 7.1362,
-2.2144

■ 204.2180, 19.6125,
9.4558

■ 204.2180, 19.6125,
9.4558

■ 186.2430, 28.4742,
13.8189

■ 222.1930, 10.7509,
5.0927

■ 167.3820, 37.7727,
18.0820

■ 241.0540, 1.4524,
0.8296

■ 149.4070, 46.6343,
22.4451

■ 253.7460, -4.8048,
1.0998

■ 130.8450, 55.7854,
27.3229

■ 112.5710, 64.7945,
31.0712

■ 94.5960, 73.6562,
35.4343

■ 76.0340, 82.8072,
40.3122

■ 60.7060, 90.3639,
43.2308

Harmonies

Analogous

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



200.2790, 26.9775, -19.5387



204.2180, 19.6125, 9.4558



205.3860, 8.1907, 32.9875

Triad

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



204.2180, 19.6125, 9.4558



200.9660, -25.1262, 32.4788



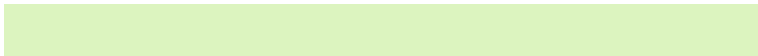
187.8790, 9.9197, -55.1449

Complementary

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



204.2180, 19.6125, 9.4558



230.7820, -19.6125, -9.4558

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.



191.8740, -5.8539, -35.8465



204.2180, 19.6125, 9.4558



198.9050, -26.0822, 12.3613

Square

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



204.2180, 19.6125, 9.4558



203.1060, -17.3073, 44.6340



194.9990, -18.7335, -11.4001



188.4620, 22.4502, -60.9182

Rectangle

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



204.2180, 19.6125, 9.4558



205.0360, -1.0037, 42.0644



194.9990, -18.7335, -11.4001



189.1310, 4.3724, -49.2269

Sweetspot

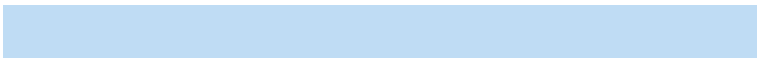
The Sweet Spot groups the original color and five complimentary colors.



204.2180, 19.6125, 9.4558



241.4440, 6.6831, 3.1186



214.0650, 14.7580, -20.2280



119.7490, 4.0677, 1.9741



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.



204.2180, 19.6125, 9.4558



205.4940, 24.4065, 11.8448



211.9920, 15.7799, 25.4400



113.1620, 4.3571, 2.4889



46.3200, 68.8622, 33.0454



14.7990, 21.7911, 10.7003

Inverse Universe

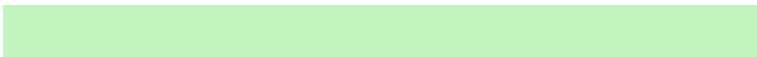
The Inverse Universe completely reimagines the original color for something new.



210.1530, 4.8546, 29.6838



212.8380, 5.9959, 36.9761



223.0080, -15.7799, -25.4400



114.3860, 1.2887, 6.6775



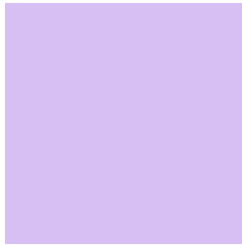
67.2420, 17.1357, 104.1508



21.2890, 5.2805, 33.0725

Previews

White Background



This preview shows how the YUV color 204.2180, 19.6125, 9.4558 looks on a white background.

Color Contrast Check

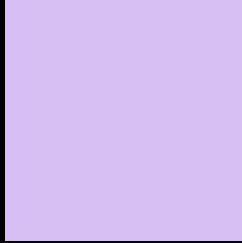
Large Text (above 18pt) WCAG AA × Fail

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 204.2180, 19.6125, 9.4558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

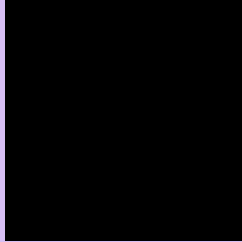
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.2180, 19.6125, 9.4558

Background



This preview shows how black text looks on a background with the YUV color 204.2180, 19.6125, 9.4558.



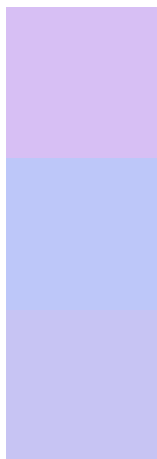
This preview shows how white text looks on a background with the YUV color 204.2180, 19.6125,

9.4558.

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

204.2180, 19.6125, 9.4558

Protanopia

201.7100, 23.3140, -11.1467

Deuteranopia

202.2550, 20.0873, -2.8546



Tritanopia

202.5970, 4.6357, 6.4924

Trichromacy



Original Color

204.2180, 19.6125, 9.4558

Protanomaly

202.4120, 21.9819, -3.8693

Deuteranomaly

202.8750, 19.7816, 1.8636

Tritanomaly

203.3890, 10.1612, 7.5518

Monochromacy



Original Color

204.2180, 19.6125, 9.4558

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9710, 7.4093, 3.5334

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.2180, 19.6125, 9.4558 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(215, 191, 244)` looks like.

```
.text, #text, p{  
    color:rgb(215, 191, 244)  
}
```

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(215, 191, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 191, 244) }
```

Border

The CSS property to change the border of an element to YUV 204.2180, 19.6125, 9.4558 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(215, 191, 244) }
```


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

```
.border{ border-color:rgb(215, 191, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 191, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 191, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 191, 244);  
box-shadow:4px 4px 4px 4px rgb(215, 191,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 204.2180, 19.6125, 9.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 191, 244) }
```

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

```
.background{ background-color: rgb(215,  
191, 244) }
```

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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