

Converting Colors

YUV(204.2620, 16.1398, 3.2782)

Have a look what the booklet for
YUV(204.2620, 16.1398, 3.2782)
contains.

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Color

**YUV(204.2620, 16.1398,
3.2782)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C4ED
RGB	208, 196, 237
RGB Percent	82%, 77%, 93%
CMY	0.1843, 0.2314, 0.0706
CMYK	0.12, 0.17, 0.00, 0.07
HSL	258°, 53%, 85%
HSV	258°, 17%, 93%
XYZ	61.0384, 59.0042, 88.2926
YIQ	204.2620, -6.0090, 15.2950

Conversions

Conversions Part 2

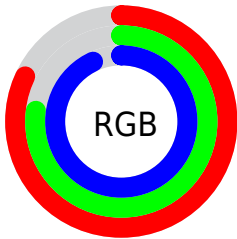
Format	Color
R_{YB}	208, 196, 237
Decimal	13681901
CIE _{Lab}	81.29, 12.01, -18.75
CIE _{LCh}	81, 22.269, 302.631
Yxy	59.0042, 0.2930, 0.2832
Android (android.graphics.Color)	4291871981 (0xFFD0C4ED)
YUV	204.2620, 16.1398, 3.2782
Hunter-Lab	76.8142, 7.4156, -14.3799

Details

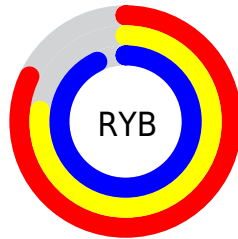
The YUV color $204.2620, 16.1398, 3.2782$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $228.7380, -16.1398, -3.2782$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8260, 0.5788, 1.0296$, and $149.7350, 15.4136, 2.8634$ is the 20% darker color. If you saturate the color by 10%, you get $185.0910, 25.5911, 5.1822$, and if you desaturate by 10%, it is $223.4330, 6.6885, 1.3743$.

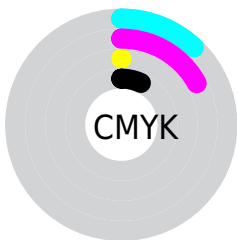
Distribution



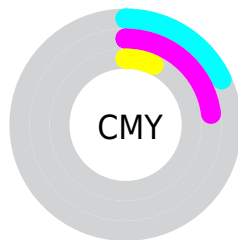
- Red (82%)
- Green (77%)
- Blue (93%)



- Red (82%)
- Yellow (77%)
- Blue (93%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.2620, 16.1398, 3.2782 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 204.2620, 16.1398, 3.2782 by changing the saturation by 10% instead.

■ 204.2620, 16.1398,
3.2782

■ 204.2620, 16.1398,
3.2782

255.0000, 0.0000,
0.0000

■ 176.8490, 15.8504,
2.7634

■ 253.8260, 0.5788,
1.0296

■ 149.7350, 15.4136,
2.8634

■ 124.2080, 14.6875,
2.4486

■ 99.0940, 14.2507,
2.5486

■ 75.5670, 13.5245,
2.1337

■ 52.1540, 13.2351,
1.6189

■ 30.6270, 12.5089,

1.2041

■ 7.8770, 13.3716,
4.4929

■ 1.0260, 3.9312,
-0.8998

■ 204.2620, 16.1398,
3.2782

■ 204.2620, 16.1398,
3.2782

■ 185.0910, 25.5911,
5.1822

■ 223.4330, 6.6885,
1.3743

■ 166.5070, 34.7530,
6.5714

■ 242.0170, -2.4734,
-0.0149

■ 147.6350, 44.0569,
9.0901

■ 252.9480, -7.8624,
1.7996

■ 128.4640, 53.5082,
10.9941

■ 109.8800, 62.6702,
12.3832

■ 90.7090, 72.1215,
14.2872

■ 71.8370, 81.4254,
16.8060

■ 52.6660, 90.8767,
18.7099

■ 47.6490, 93.3500,
18.7248

Harmonies

Analogous

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



200.6830, 20.8623, -18.1390



204.2620, 16.1398, 3.2782



205.7930, 7.4971, 22.1065

Triad

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



204.2620, 16.1398, 3.2782



203.0670, -18.2740, 28.0052



193.9090, 4.4819, -37.6312

Complementary

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



204.2620, 16.1398, 3.2782



228.7380, -16.1398, -3.2782

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.



196.0220, -6.9128, -22.8213



204.2620, 16.1398, 3.2782



200.8110, -20.1198, 13.3208

Square

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



204.2620, 16.1398, 3.2782



204.7180, -12.1860, 35.3273



198.8410, -15.6976, -5.1226



193.9220, 14.8285, -42.9046

Rectangle

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



204.2620, 16.1398, 3.2782



206.1270, 0.9234, 30.5836



198.8410, -15.6976, -5.1226



194.6060, 0.6872, -33.8575

Sweetspot

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



204.2620, 16.1398, 3.2782



244.6780, 5.0887, 1.1594



217.6970, 9.5164, -19.0283



121.5100, 3.1996, 0.4297



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.



204.2620, 16.1398, 3.2782



211.9400, 21.2286, 4.4376



210.2420, 13.1917, 15.5738



108.1510, 4.3626, 0.7446



36.4810, 71.2479, 14.4872



10.9400, 21.2286, 4.4376

Inverse Universe

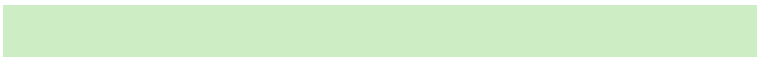
The Inverse Universe completely reimagines the original color for something new.



211.5650, 6.6235, 22.3065



221.4780, 8.6383, 29.3988



222.7580, -13.1917, -15.5738



110.2010, 1.8729, 5.9627



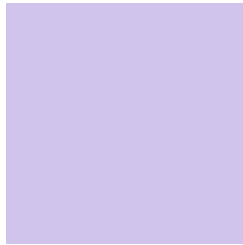
68.7110, 29.2295, 98.4775



20.4780, 8.6383, 29.3988

Previews

White Background



This preview shows how the YUV color 204.2620, 16.1398, 3.2782 looks on a white background.

Color Contrast Check

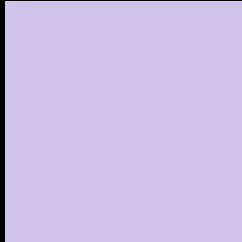
Large Text (above 18pt) WCAG AA × Fail

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 204.2620, 16.1398, 3.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

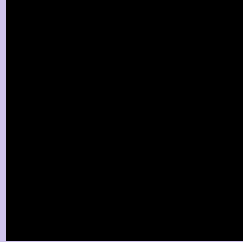
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.2620, 16.1398, 3.2782

Background



This preview shows how black text looks on a background with the YUV color 204.2620, 16.1398, 3.2782.



This preview shows how white text looks on a background with the YUV color 204.2620, 16.1398,

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

204.2620, 16.1398, 3.2782

Protanopia

202.7660, 18.3564, -7.6878

Deuteranopia

203.9520, 16.2927, 0.9191



Tritanopia

203.0200, 6.3991, 0.8595

Trichromacy



Original Color

204.2620, 16.1398, 3.2782

Protanomaly

203.5600, 17.4719, -3.9991

Deuteranomaly

204.2510, 16.1453, 1.5339

Tritanomaly

203.6440, 10.0355, 1.1892

Monochromacy



Original Color

204.2620, 16.1398, 3.2782

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9060, 5.9623, 0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.2620, 16.1398, 3.2782 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(208, 196, 237)` looks like.

```
.text, #text, p{  
    color:rgb(208, 196, 237)  
}
```

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(208, 196, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 196, 237) }
```

Border

The CSS property to change the border of an element to YUV 204.2620, 16.1398, 3.2782 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(208, 196, 237) }
```


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

```
.border{ border-color:rgb(208, 196, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 196, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 196, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 196, 237);  
box-shadow:4px 4px 4px 4px rgb(208, 196,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 204.2620, 16.1398, 3.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 196, 237) }
```

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

```
.background{ background-color: rgb(208,  
196, 237) }
```

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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