

Converting Colors

YUV(204.6770, 23.3302,
-16.3797)

Have a look what the booklet for
YUV(204.6770, 23.3302, -16.3797)
contains.

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Color

**YUV(204.6770, 23.3302,
-16.3797)**

Conversions

Conversions Part 1

Format	Color
Hex	BACDFC
RGB	186, 205, 252
RGB Percent	73%, 80%, 99%
CMY	0.2706, 0.1961, 0.0118
CMYK	0.26, 0.19, 0.00, 0.01
HSL	223°, 92%, 86%
HSV	223°, 26%, 99%
XYZ	59.6517, 61.1300, 100.7508
YIQ	204.6770, -26.4110, 10.5890

Conversions

Conversions Part 2

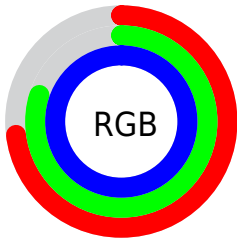
Format	Color
RYB	186, 201, 252
Decimal	12242428
CIELab	82.45, 3.74, -25.15
CIELCh	82, 25.429, 278.455
Yxy	61.1300, 0.2693, 0.2759
Android (android.graphics.Color)	4290432508 (0xFFBACDFC)
YUV	204.6770, 23.3302, -16.3797
Hunter-Lab	78.1857, -0.6385, -21.6716

Details

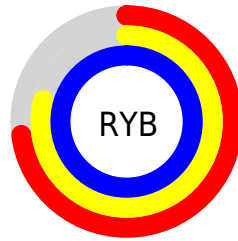
The YUV color $204.6770, 23.3302, -16.3797$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $233.3230, -23.3302, 16.3797$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4120, 1.7689, -7.3773$, and $150.3350, 22.0198, -16.0798$ is the 20% darker color. If you saturate the color by 10%, you get $186.6360, 32.2245, -22.4828$, and if you desaturate by 10%, it is $222.7180, 14.4360, -10.2767$.

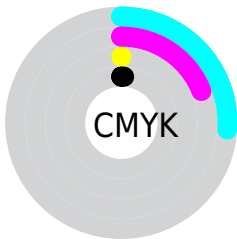
Distribution



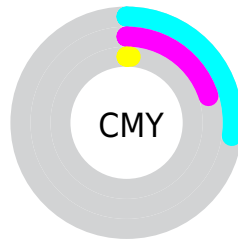
- Red (73%)
- Green (80%)
- Blue (99%)



- Red (73%)
- Yellow (79%)
- Blue (99%)



- Cyan (26%)
- Magenta (19%)
- Yellow (0%)
- Black (1%)



- Cyan (27%)
- Magenta (20%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.6770, 23.3302, -16.3797 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 204.6770, 23.3302, -16.3797 by changing the saturation by 10% instead.

■ 204.6770, 23.3302,
-16.3797

■ 204.6770, 23.3302,
-16.3797

255.0000, 0.0000,
0.0000

■ 177.1500, 22.6041,
-16.7945

■ 251.4120, 1.7689,
-7.3773

■ 150.3350, 22.0198,
-16.0798

■ 123.9220, 21.7305,
-16.5946

■ 98.6940, 20.8569,
-16.3946

■ 74.2810, 20.5675,
-16.9094

■ 50.7430, 19.8467,
-19.0686

■ 27.0090, 19.7156,

-23.6869

■ 10.4130, 17.0514,
-9.1322

■ 3.3230, 10.1938,
-2.9143

■ 204.6770, 23.3302,
-16.3797

■ 204.6770, 23.3302,
-16.3797

■ 186.6360, 32.2245,
-22.4828

■ 222.7180, 14.4360,
-10.2767

■ 168.5950, 41.1187,
-28.5858

■ 240.7590, 5.5418,
-4.1736

■ 150.2550, 50.1603,
-35.3036

■ 254.6580, -1.3104,
0.2999

■ 132.2140, 59.0545,
-41.4067

■ 114.1730, 67.9487,
-47.5097

■ 96.1320, 76.8429,
-53.6128

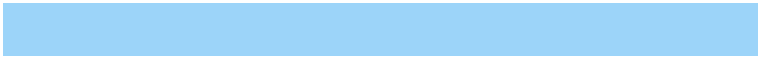
■ 78.0910, 85.7371,
-59.7158

■ 71.5790, 88.9476,
-62.7748

Harmonies

Analogous

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



199.4740, 24.4163, -38.1267



204.6770, 23.3302, -16.3797



208.5230, 16.9972, 8.3113

Triad

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



204.6770, 23.3302, -16.3797



207.6430, -15.1070, 38.9011



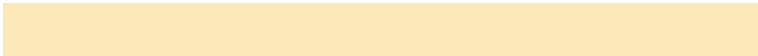
197.4340, -5.1440, -30.1986

Complementary

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



204.6770, 23.3302, -16.3797



233.3230, -23.3302, 16.3797

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.



200.8790, -16.7023, -9.5409



204.6770, 23.3302, -16.3797



205.7420, -22.0578, 28.2903

Square

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



204.6770, 23.3302, -16.3797



208.9880, -4.9241, 39.4755



203.5180, -22.4404, 10.9467



195.3640, 7.7085, -45.9232

Rectangle

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



204.6770, 23.3302, -16.3797



209.1890, 10.2598, 22.6362



203.5180, -22.4404, 10.9467



198.4410, -9.0914, -24.0658

Sweetspot

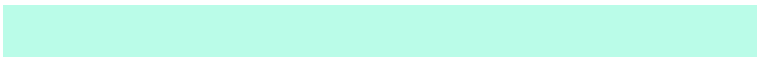
The Sweet Spot groups the original color and five complimentary colors.



204.6770, 23.3302, -16.3797



240.2150, 7.2890, -4.5736



229.9860, 0.9929, -38.5757



118.2430, 4.8102, -2.8441



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.



204.6770, 23.3302, -16.3797



198.5070, 27.8510, -19.7386



197.4110, 26.9124, 1.3936



115.8300, 4.5208, -3.3589



53.2440, 66.9277, -46.6950



17.5200, 21.4356, -15.3650

Inverse Universe

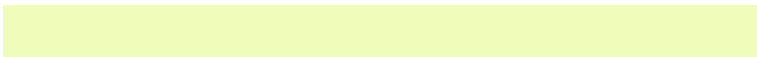
The Inverse Universe completely reimagines the original color for something new.



207.9000, -1.4297, 38.6757



202.2430, -1.5988, 46.2679



240.5890, -26.9124, -1.3936



116.3430, -0.1691, 7.5922



62.6670, -4.2728, 110.7940



20.2910, -1.1295, 35.7018

Previews

White Background



This preview shows how the YUV color 204.6770, 23.3302, -16.3797 looks on a white background.

Color Contrast Check

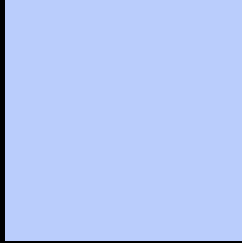
Large Text (above 18pt) WCAG AA × Fail

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 204.6770, 23.3302, -16.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

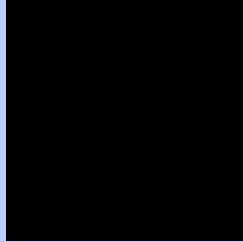
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.6770, 23.3302, -16.3797

Background



This preview shows how black text looks on a background with the YUV color 204.6770, 23.3302, -16.3797.



This preview shows how white text looks on a background with the YUV color 204.6770, 23.3302, -16.3797.

-16.3797.

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

204.6770, 23.3302, -16.3797

Protanopia

205.7810, 22.2930, -10.3319

Deuteranopia

206.6290, 22.8609, -5.8136



Tritanopia

203.1530, 11.2636, -19.4282

Trichromacy



Original Color

204.6770, 23.3302, -16.3797

Protanomaly

205.4710, 22.4458, -12.6911

Deuteranomaly

205.7210, 23.3085, -9.4023

Tritanomaly

203.6030, 15.4787, -18.0688

Monochromacy



Original Color

204.6770, 23.3302, -16.3797

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.8450, 8.4574, -6.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.6770, 23.3302, -16.3797 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(186, 205, 252)` looks like.

```
.text, #text, p{  
    color:rgb(186, 205, 252)  
}
```

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(186, 205, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 205, 252) }
```

Border

The CSS property to change the border of an element to YUV 204.6770, 23.3302, -16.3797 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(186, 205, 252) }
```


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

```
.border{ border-color:rgb(186, 205, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 205, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 205, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 205, 252);  
box-shadow:4px 4px 4px 4px rgb(186, 205,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 204.6770, 23.3302, -16.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 205, 252) }
```

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

```
.background{ background-color: rgb(186,  
205, 252) }
```

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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