

Converting Colors

YUV(193.3580, 20.5295,
-4.6990)

Have a look what the booklet for
YUV(193.3580, 20.5295, -4.6990)
contains.

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Color

**YUV(193.3580, 20.5295,
-4.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	BCBCEB
RGB	188, 188, 235
RGB Percent	74%, 74%, 92%
CMY	0.2627, 0.2627, 0.0784
CMYK	0.20, 0.20, 0.00, 0.08
HSL	240°, 54%, 83%
HSV	240°, 20%, 92%
XYZ	53.7177, 52.6560, 85.9297
YIQ	193.3580, -15.0870, 14.6170

Conversions

Conversions Part 2

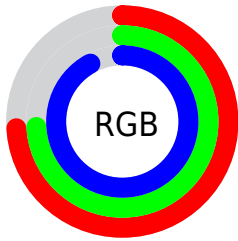
Format	Color
R_{YB}	188, 188, 235
Decimal	12369131
CIE _{Lab}	77.67, 9.64, -23.32
CIE _{LCh}	78, 25.234, 292.451
Yxy	52.6560, 0.2793, 0.2738
Android (android.graphics.Color)	4290559211 (0xFFBCBCEB)
YUV	193.3580, 20.5295, -4.6990
Hunter-Lab	72.5644, 5.1514, -19.4152

Details

The YUV color $193.3580, 20.5295, -4.6990$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $229.6420, -20.5295, 4.6990$, and the grayscale version is $193.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.5530, 4.6574, -0.4850$, and $139.7170, 19.3665, -5.0138$ is the 20% darker color. If you saturate the color by 10%, you get $172.9800, 30.5759, -6.9985$, and if you desaturate by 10%, it is $214.6220, 10.0464, -2.2995$.

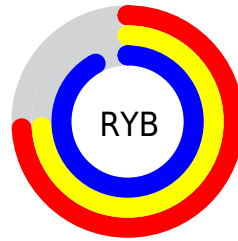
Distribution



Red (74%)

Green (74%)

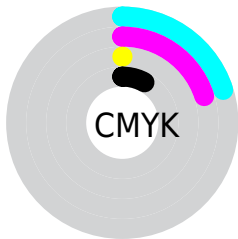
Blue (92%)



Red (74%)

Yellow (74%)

Blue (92%)

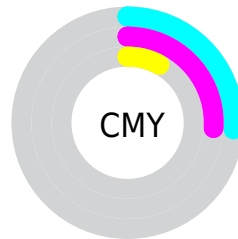


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (26%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.3580, 20.5295, -4.6990 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 193.3580, 20.5295, -4.6990 by changing the saturation by 10% instead.

■ 193.3580, 20.5295,
-4.6990

■ 193.3580, 20.5295,
-4.6990

255.0000, 0.0000,
0.0000

■ 166.2440, 20.0927,
-4.5990

■ 245.5530, 4.6574,
-0.4850

■ 139.7170, 19.3665,
-5.0138

■ 114.1900, 18.6403,
-5.4286

■ 89.0760, 18.2035,
-5.3287

■ 65.5490, 17.4773,
-5.7435

■ 42.7230, 16.8986,
-6.7731

■ 21.1850, 16.1778,

-8.9322

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 193.3580, 20.5295,
-4.6990

■ 193.3580, 20.5295,
-4.6990

■ 172.9800, 30.5759,
-6.9985

■ 214.6220, 10.0464,
-2.2995

■ 151.7160, 41.0590,
-9.3979

■ 235.0000, 0.0000,
0.0000

■ 131.3380, 51.1054,
-11.6974

■ 252.7200, -8.7360,
1.9996

■ 110.0740, 61.5885,
-14.0969

■ 89.6960, 71.6349,
-16.3964

■ 68.4320, 82.1180,
-18.7959

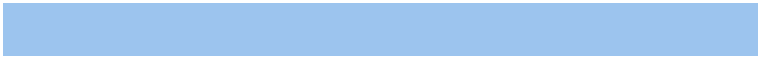
■ 48.0540, 92.1644,
-21.0954

■ 26.7900, 102.6475,
-23.4948

Harmonies

Analogous

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



188.8280, 24.2418, -28.7902



193.3580, 20.5295, -4.6990



195.4380, 12.6021, 18.0329

Triad

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



193.3580, 20.5295, -4.6990



193.6980, -18.5851, 34.4679



183.2850, 0.8455, -37.9609

Complementary

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



193.3580, 20.5295, -4.6990



229.6420, -20.5295, 4.6990

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.



186.1920, -11.4337, -19.4624



193.3580, 20.5295, -4.6990



191.2850, -22.3255, 20.7981

Square

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



193.3580, 20.5295, -4.6990



195.0220, -9.8708, 39.4457



189.0330, -20.2293, 1.7251



181.8350, 13.3923, -48.9673

Rectangle

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



193.3580, 20.5295, -4.6990



196.2670, 5.2914, 29.5838



189.0330, -20.2293, 1.7251



183.8790, -3.3913, -32.3429

Sweetspot

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



193.3580, 20.5295, -4.6990



241.7100, 6.5520, -1.4997



220.9470, 6.9281, -28.8945



120.0260, 3.9312, -0.8998



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.



193.3580, 20.5295, -4.6990



200.9540, 26.6447, -6.0987



200.2350, 17.1391, 9.4409



107.2540, 4.8048, -1.0998



20.6340, 79.0604, -18.0960



6.1560, 23.5871, -5.3988

Inverse Universe

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



207.4110, 13.6014, 24.1956



219.1930, 17.6529, 31.4027



222.4660, -16.9917, -10.0557



110.5430, 3.1833, 5.6628



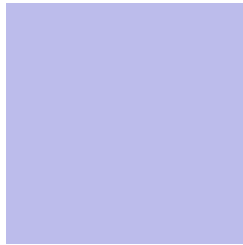
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 193.3580, 20.5295, -4.6990 looks on a white background.

Color Contrast Check

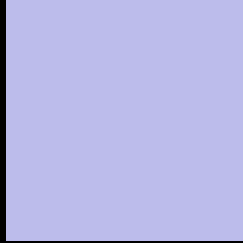
Large Text (above 18pt) WCAG AA × Fail

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 193.3580, 20.5295, -4.6990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

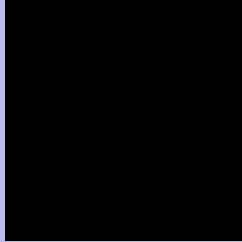
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.3580, 20.5295, -4.6990

Background



This preview shows how black text looks on a background with the YUV color 193.3580, 20.5295, -4.6990.



This preview shows how white text looks on a background with the YUV color 193.3580, 20.5295, -4.6990.

-4.6990.

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

193.3580, 20.5295, -4.6990

Protanopia

192.5530, 21.4194, -10.1320

Deuteranopia

193.6570, 20.3821, -4.0842



Tritanopia

191.7200, 8.0260, -7.6474

Trichromacy



Original Color

193.3580, 20.5295, -4.6990

Protanomaly

192.8630, 21.2665, -7.7729

Deuteranomaly

193.6570, 20.3821, -4.0842

Tritanomaly

192.2840, 12.6780, -6.3881

Monochromacy



Original Color

193.3580, 20.5295, -4.6990

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.9380, 7.4256, -1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.3580, 20.5295, -4.6990 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(188, 188, 235)` looks like.

```
.text, #text, p{  
    color:rgb(188, 188, 235)  
}
```

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(188, 188, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 188, 235) }
```

Border

The CSS property to change the border of an element to YUV 193.3580, 20.5295, -4.6990 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(188, 188, 235) }
```


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

```
.border{ border-color:rgb(188, 188, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 188, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 188, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 188, 235);  
box-shadow:4px 4px 4px 4px rgb(188, 188,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 193.3580, 20.5295, -4.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 188, 235) }
```

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

```
.background{ background-color: rgb(188,  
188, 235) }
```

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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