

Converting Colors

YUV(193.6070, 22.8717,
-9.3023)

Have a look what the booklet for
YUV(193.6070, 22.8717, -9.3023)
contains.

YUV(193.6070, 22.8717, -9.3023)	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(193.6070, 22.8717,
-9.3023)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BEF0
RGB	183, 190, 240
RGB Percent	72%, 75%, 94%
CMY	0.2824, 0.2549, 0.0588
CMYK	0.24, 0.21, 0.00, 0.06
HSL	233°, 66%, 83%
HSV	233°, 24%, 94%
XYZ	53.6701, 53.1855, 89.8752
YIQ	193.6070, -20.2220, 14.0660

Conversions

Conversions Part 2

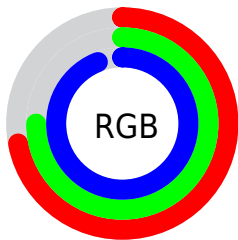
Format	Color
RYB	183, 189, 240
Decimal	12041968
CIELab	77.98, 8.17, -25.57
CIELCh	78, 26.840, 287.712
Yxy	53.1855, 0.2728, 0.2703
Android (android.graphics.Color)	4290232048 (0xFFB7BEF0)
YUV	193.6070, 22.8717, -9.3023
Hunter-Lab	72.9284, 3.7386, -22.0177

Details

The YUV color **193.6070, 22.8717, -9.3023** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **229.3930, -22.8717, 9.3023**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.2320, 4.8156, -4.5885**, and **139.9660, 21.7088, -9.6172** is the 20% darker color. If you saturate the color by 10%, you get **174.1040, 32.4867, -13.2462**, and if you desaturate by 10%, it is **213.1100, 13.2568, -5.3585**.

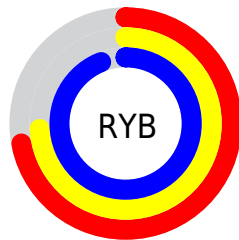
Distribution



Red (72%)

Green (75%)

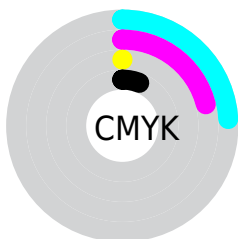
Blue (94%)



Red (72%)

Yellow (74%)

Blue (94%)

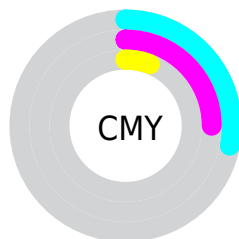


Cyan (24%)

Magenta (21%)

Yellow (0%)

Black (6%)



Cyan (28%)

Magenta (25%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.6070, 22.8717, -9.3023 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 193.6070, 22.8717, -9.3023 by changing the saturation by 10% instead.

■ 193.6070, 22.8717,
-9.3023

■ 193.6070, 22.8717,
-9.3023

255.0000, 0.0000,
0.0000

■ 166.4930, 22.4350,
-9.2024

■ 245.2320, 4.8156,
-4.5885

■ 139.9660, 21.7088,
-9.6172

■ 113.8520, 21.2720,
-9.5172

■ 89.3250, 20.5458,
-9.9320

■ 65.3850, 19.5302,
-10.8616

■ 42.5590, 18.9514,
-11.8912

■ 19.8250, 18.8203,

-16.5095

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 193.6070, 22.8717,
-9.3023

■ 193.6070, 22.8717,
-9.3023

■ 174.1040, 32.4867,
-13.2462

■ 213.1100, 13.2568,
-5.3585

■ 154.6010, 42.1017,
-17.1901

■ 232.6130, 3.6418,
-1.4146

■ 135.0980, 51.7167,
-21.1339

■ 252.1160, -5.9732,
2.5293

■ 115.5950, 61.3317,
-25.0778

■ 253.2900, -6.5520,
1.4997

■ 96.0920, 70.9466,
-29.0217

■ 76.5890, 80.5616,
-32.9656

■ 57.0860, 90.1766,
-36.9094

■ 44.3830, 96.4392,
-38.9239

Harmonies

Analogous

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



188.2510, 26.0053, -34.4231



193.6070, 22.8717, -9.3023



196.9970, 14.7915, 15.7886

Triad

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



193.6070, 22.8717, -9.3023



194.7200, -18.5960, 37.9566



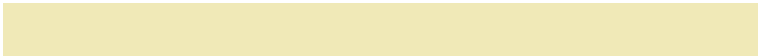
183.4160, -1.1911, -38.0758

Complementary

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



193.6070, 22.8717, -9.3023



229.3930, -22.8717, 9.3023

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.



186.6330, -13.6231, -17.2181



193.6070, 22.8717, -9.3023



192.9650, -23.6467, 24.5867

Square

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



193.6070, 22.8717, -9.3023



196.0870, -8.4239, 42.0197



190.1860, -22.2767, 5.0989



181.5850, 12.5296, -52.2560

Rectangle

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



193.6070, 22.8717, -9.3023



196.8370, 7.4754, 29.0840



190.1860, -22.2767, 5.0989



184.6080, -5.7227, -31.2282

Sweetspot

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



193.6070, 22.8717, -9.3023



240.2260, 7.2836, -2.8292



222.0450, 4.9078, -34.2425



119.4280, 4.2260, -2.1294



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.



193.6070, 22.8717, -9.3023



194.7190, 29.7185, -12.0316



195.7770, 21.8019, 7.2116



109.9550, 4.9522, -1.7145



34.4770, 73.7148, -30.2363



10.4930, 22.4350, -9.2024

Inverse Universe

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



200.8410, -5.3446, 34.3424



204.1520, -6.9769, 44.5937



227.2230, -21.8019, -7.2116



111.7020, -1.3321, 7.2773



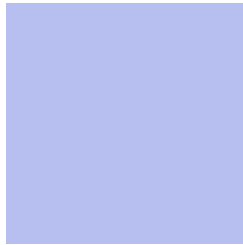
57.6380, -17.0765, 110.8195



17.5420, -5.1972, 33.7277

Previews

White Background



This preview shows how the YUV color 193.6070, 22.8717, -9.3023 looks on a white background.

Color Contrast Check

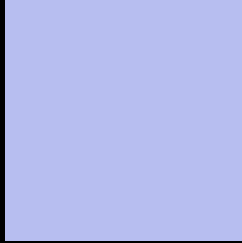
Large Text (above 18pt) WCAG AA × Fail

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 193.6070, 22.8717, -9.3023 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 193.6070, 22.8717, -9.3023

Background



This preview shows how black text looks on a background with the YUV color 193.6070, 22.8717, -9.3023.



This preview shows how white text looks on a background with the YUV color 193.6070, 22.8717, -9.3023.

-9.3023.

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

193.6070, 22.8717, -9.3023

Protanopia

193.5960, 22.8772, -11.0467

Deuteranopia

194.2160, 22.5715, -6.3284



Tritanopia

191.4420, 9.6421, -12.6656

Trichromacy



Original Color

193.6070, 22.8717, -9.3023

Protanomaly

193.8950, 22.7298, -10.4319

Deuteranomaly

193.9170, 22.7189, -6.9432

Tritanomaly

192.1200, 14.7308, -11.5062

Monochromacy



Original Color

193.6070, 22.8717, -9.3023

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.1550, 8.3046, -3.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.6070, 22.8717, -9.3023 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(183, 190, 240)` looks like.

```
.text, #text, p{  
    color:rgb(183, 190, 240)  
}
```

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(183, 190, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 190, 240) }
```

Border

The CSS property to change the border of an element to YUV 193.6070, 22.8717, -9.3023 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(183, 190, 240) }
```


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

```
.border{ border-color:rgb(183, 190, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 190, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 190, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 190, 240);  
box-shadow:4px 4px 4px 4px rgb(183, 190,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 193.6070, 22.8717, -9.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 190, 240) }
```

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

```
.background{ background-color: rgb(183,  
190, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor