

Converting Colors

YUV(196.0750, -1.0230,
-92.1508)

Have a look what the booklet for
YUV(196.0750, -1.0230, -92.1508)
contains.

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Color

**YUV(196.0750, -1.0230,
-92.1508)**

Conversions

Conversions Part 1

Format	Color
Hex	5BFAC2
RGB	91, 250, 194
RGB Percent	36%, 98%, 76%
CMY	0.6431, 0.0196, 0.2392
CMYK	0.64, 0.00, 0.22, 0.02
HSL	159°, 94%, 67%
HSV	159°, 64%, 98%
XYZ	48.2376, 74.4904, 62.8746
YIQ	196.0750, -76.7880, -51.1240

Conversions

Conversions Part 2

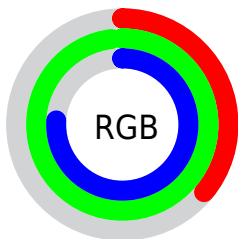
Format	Color
RYB	91, 187, 250
Decimal	6027970
CIELab	89.15, -54.42, 14.75
CIELCh	89, 56.385, 164.832
Yxy	74.4904, 0.2599, 0.4013
Android (android.graphics.Color)	4284218050 (0xFF5BFAC2)
YUV	196.0750, -1.0230, -92.1508
Hunter-Lab	86.3078, -51.2747, 17.2231

Details

The YUV color **196.0750, -1.0230, -92.1508** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **144.9250, 1.0230, 92.1508**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.6440, 12.9935, -61.0778**, and **128.6640, 5.5886, -112.8383** is the 20% darker color. If you saturate the color by 10%, you get **187.5740, -1.2690, -106.6204**, and if you desaturate by 10%, it is **204.5760, -0.7770, -77.6812**.

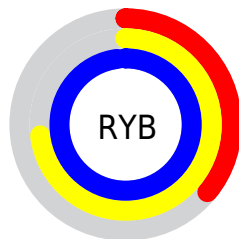
Distribution



Red (36%)

Green (98%)

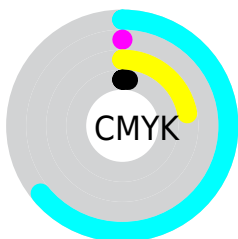
Blue (76%)



Red (36%)

Yellow (73%)

Blue (98%)

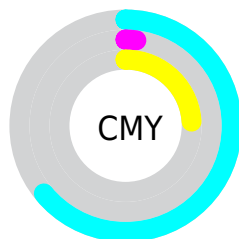


Cyan (64%)

Magenta (0%)

Yellow (22%)

Black (2%)



Cyan (64%)

Magenta (2%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 196.0750, -1.0230, -92.1508 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 196.0750, -1.0230, -92.1508 by changing the saturation by 10% instead.

 196.0750, -1.0230,
-92.1508


 196.0750, -1.0230,
-92.1508

255.0000, 0.0000,
0.0000

 164.3130, 1.3247,
-98.4985


 224.6440, 12.9935,
-61.0778


 128.6640, 5.5886,
-112.8383


 234.3690, 10.1711,
-42.4196


 109.9650, 2.4823,
-96.4393

 243.6380, 5.6015,
-23.3615

 90.6790, -0.3347,
-79.5255

 252.9070, 1.0318,
-4.3034

 72.6810, -3.2937,
-63.7412

 54.9110, -5.3791,
-48.1569

 38.4290, -7.6065,

-33.7022

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 196.0750, -1.0230,
-92.1508

■ 196.0750, -1.0230,
-92.1508

■ 187.5740, -1.2690,
-106.6204

■ 204.5760, -0.7770,
-77.6812

■ 179.0730, -1.5150,
-121.0900

■ 213.0770, -0.5310,
-63.2115

■ 170.6860, -1.3242,
-135.6596

■ 221.4640, -0.7218,
-48.6419

■ 165.2180, -1.5865,
-144.8962

■ 229.9650, -0.4757,
-34.1723

 238.4660, -0.2297,
-19.7027

 246.9670, 0.0163,
-5.2331

 252.0650, 1.4470,
2.5740

Harmonies

Analogous

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



210.3000, -32.1929, -34.4661



196.0750, -1.0230, -92.1508



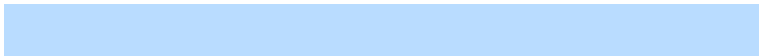
176.4240, 36.2730, -154.7238

Triad

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



196.0750, -1.0230, -92.1508



213.5250, 20.4472, -25.0164



206.0490, -27.6322, 42.9300

Complementary

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



196.0750, -1.0230, -92.1508



144.9250, 1.0230, 92.1508

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.



204.5910, -2.7564, 44.2087



196.0750, -1.0230, -92.1508



222.7150, 15.9165, 28.3139

Square

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



196.0750, -1.0230, -92.1508



185.8300, 34.1008, -111.2299



212.6220, 20.3994, 37.1655



213.6680, -46.6713, 36.2482

Rectangle

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



196.0750, -1.0230, -92.1508



175.8200, 39.0357, -154.1941



212.6220, 20.3994, 37.1655



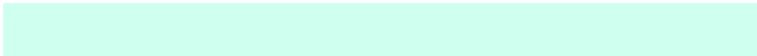
204.8240, -19.6332, 44.0044

Sweetspot

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



196.0750, -1.0230, -92.1508



238.7100, -0.3500, -27.8097



201.6750, -54.5628, -46.1960



117.7760, -0.3826, -17.3436



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.



196.0750, -1.0230, -92.1508



189.2420, -1.1053, -112.4682



190.1320, 29.5149, -86.9388



120.6570, 0.1691, -7.5922



124.8510, -1.4055, -109.4943



40.3670, -0.1809, -35.4019

Inverse Universe

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



144.9250, 1.0230, 92.1508



126.7580, 1.1053, 112.4682



150.8680, -29.5149, 86.9388



116.4570, 0.2677, 7.4922



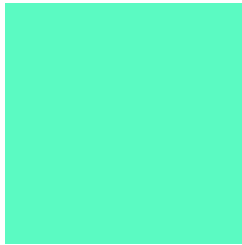
64.0350, 0.9687, 109.5943



20.7470, 0.6177, 35.3019

Previews

White Background



This preview shows how the YUV color 196.0750, -1.0230, -92.1508 looks on a white background.

Color Contrast Check

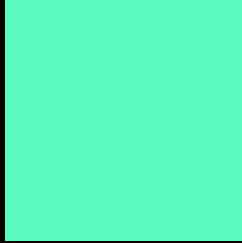
Large Text (above 18pt) WCAG AA × Fail

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 196.0750, -1.0230, -92.1508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

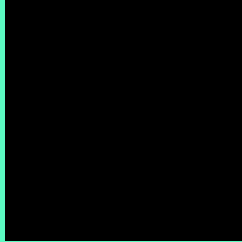
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

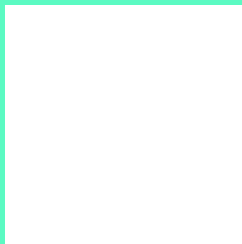
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.0750, -1.0230, -92.1508

Background



This preview shows how black text looks on a background with the YUV color 196.0750, -1.0230, -92.1508.



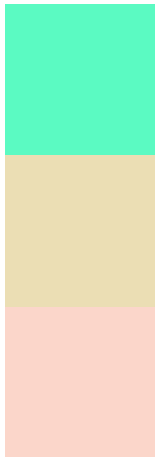
This preview shows how white text looks on a background with the YUV color 196.0750, -1.0230,

-92.1508.

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

196.0750, -1.0230, -92.1508

Protanopia

221.0990, -20.2618, 12.1912

Deuteranopia

223.6950, -10.6956, 23.9465



Tritanopia

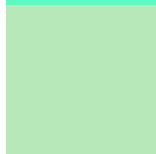
210.6360, 21.8715, -61.9478

Trichromacy



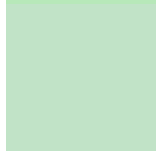
Original Color

196.0750, -1.0230, -92.1508



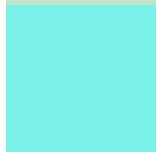
Protanomaly

211.9910, -13.3066, -25.4251



Deuteranomaly

213.6420, -7.2185, -18.1030



Tritanomaly

205.0940, 13.7577, -72.8734

Monochromacy



Original Color

196.0750, -1.0230, -92.1508



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.2640, -0.6232, -33.5575

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.0750, -1.0230, -92.1508 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(91, 250, 194)` looks like.

```
.text, #text, p{  
    color:rgb(91, 250, 194)  
}
```

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(91, 250, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 250, 194) }
```

Border

The CSS property to change the border of an element to YUV 196.0750, -1.0230, -92.1508 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(91, 250, 194) }
```


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

```
.border{ border-color:rgb(91, 250, 194) }
```

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

Here you see how a box with a 4 pixel rgb(91, 250, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 250, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 250, 194);  
box-shadow:4px 4px 4px 4px rgb(91, 250,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 196.0750, -1.0230, -92.1508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 250, 194) }
```

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

```
.background{ background-color: rgb(91, 250,  
194) }
```

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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