

Converting Colors

YUV(192.7680, 21.3134,
-116.4375)

Have a look what the booklet for
YUV(192.7680, 21.3134, -116.4375)
contains.

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Color

**YUV(192.7680, 21.3134,
-116.4375)**

Conversions

Conversions Part 1

Format	Color
Hex	3CFCEC
RGB	60, 252, 236
RGB Percent	24%, 99%, 93%
CMY	0.7647, 0.0118, 0.0745
CMYK	0.76, 0.00, 0.06, 0.01
HSL	175°, 97%, 61%
HSV	175°, 76%, 99%
XYZ	51.8142, 76.6376, 91.4185
YIQ	192.7680, -109.2960, -45.6800

Conversions

Conversions Part 2

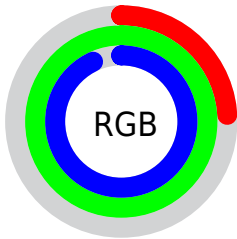
Format	Color
RYB	60, 160, 252
Decimal	3996908
CIELab	90.15, -49.11, -5.65
CIELCh	90, 49.436, 186.566
Yxy	76.6376, 0.2357, 0.3486
Android (android.graphics.Color)	4282186988 (0xFF3CFCEC)
YUV	192.7680, 21.3134, -116.4375
Hunter-Lab	87.5429, -47.5509, -0.6348

Details

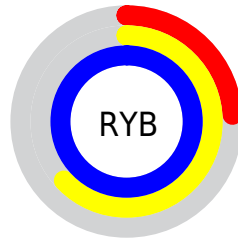
The YUV color **192.7680, 21.3134, -116.4375** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **119.2320, -21.3134, 116.4375**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7180, 17.3940, -72.5437**, and **134.9850, 22.1924, -118.3818** is the 20% darker color. If you saturate the color by 10%, you get **185.0650, 24.1250, -131.6070**, and if you desaturate by 10%, it is **200.4710, 18.5018, -101.2681**.

Distribution



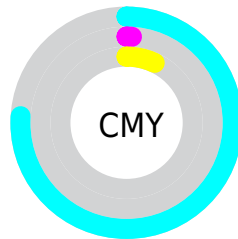
- Red (24%)
- Green (99%)
- Blue (93%)



- Red (24%)
- Yellow (63%)
- Blue (99%)



- Cyan (76%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (76%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.7680, 21.3134, -116.4375 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 192.7680, 21.3134, -116.4375 by changing the saturation by 10% instead.

192.7680, 21.3134,
-116.4375

192.7680, 21.3134,
-116.4375

255.0000, 0.0000,
0.0000

154.6130, 26.3198,
-135.5956

219.7180, 17.3940,
-72.5437

134.9850, 22.1924,
-118.3818

229.5850, 12.5296,
-52.2560

115.5850, 18.9386,
-101.3680

239.4520, 7.6652,
-31.9684

96.7720, 15.3954,
-84.8690

248.7210, 3.0955,
-12.9103

78.0730, 12.2890,
-68.4700

60.6620, 9.0406,
-53.2006

43.3650, 6.2291,

-38.0311

■ 28.0570, 3.4229,
-24.6060

■ 2.7700, 5.5364,
-2.4293

■ 192.7680, 21.3134,
-116.4375

■ 192.7680, 21.3134,
-116.4375

■ 185.0650, 24.1250,
-131.6070

■ 200.4710, 18.5018,
-101.2681

■ 177.3620, 26.9365,
-146.7765

■ 208.1740, 15.6902,
-86.0986

■ 174.2580, 27.9738,
-152.8243

■ 216.1760, 12.7312,
-70.3144

■ 223.8790, 9.9197,
-55.1449

231.6960, 7.5449,
-40.0754

239.3990, 4.7333,
-24.9059

247.1020, 1.9217,
-9.7365

253.0110, -0.0054,
1.7444

253.2390, 0.8682,
1.5444

Harmonies

Analogous

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



208.5580, -10.1351, -62.7564



192.7680, 21.3134, -116.4375



175.8200, 39.0357, -154.1941

Triad

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



192.7680, 21.3134, -116.4375



226.4810, 14.0599, 17.1182



216.1760, -37.0618, 34.0486

Complementary

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



192.7680, 21.3134, -116.4375



119.2320, -21.3134, 116.4375

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.



211.0190, -18.7434, 38.5713



192.7680, 21.3134, -116.4375



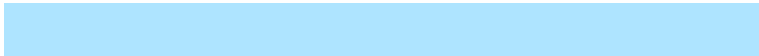
219.7800, 17.3635, 30.8879

Square

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



192.7680, 21.3134, -116.4375



214.9320, 19.7535, -35.8974



212.0400, 2.9383, 37.6759



222.0360, -44.8807, 21.8934

Rectangle

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



192.7680, 21.3134, -116.4375



184.5460, 34.7338, -127.6438



212.0400, 2.9383, 37.6759



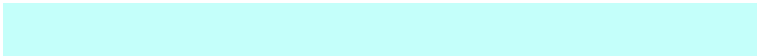
214.1530, -32.1204, 35.8228

Sweetspot

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



192.7680, 21.3134, -116.4375



236.7890, 6.5130, -35.7720



177.4880, -57.9216, -89.0050



116.8940, 3.9963, -21.8320



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.



192.7680, 21.3134, -116.4375



183.4660, 25.8993, -140.7287



147.6320, 51.4534, -76.8533



120.9990, 1.4795, -7.8921



130.6650, 20.8712, -114.5932



42.1910, 6.8078, -37.0015

Inverse Universe

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



119.2320, -21.3134, 116.4375



94.5340, -25.8993, 140.7287



164.3680, -51.4534, 76.8533



116.0010, -1.4795, 7.8921



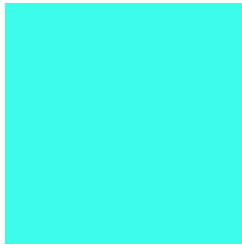
58.3350, -20.8712, 114.5932



18.8090, -6.8078, 37.0015

Previews

White Background



This preview shows how the YUV color 192.7680, 21.3134, -116.4375 looks on a white background.

Color Contrast Check

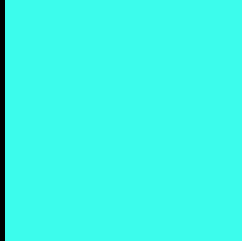
Large Text (above 18pt) WCAG AA × Fail

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 192.7680, 21.3134, -116.4375 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

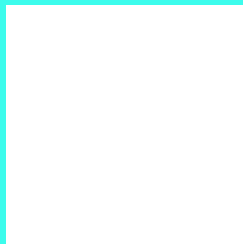
Any Text WCAG AAA ✓ Pass

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

YUV 192.7680, 21.3134, -116.4375 Background



This preview shows how black text looks on a background with the YUV color 192.7680, 21.3134, -116.4375.

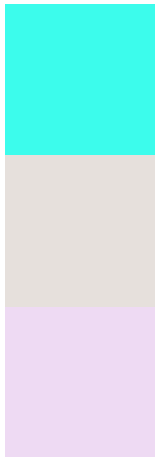


This preview shows how white text looks on a background with the YUV color 192.7680, 21.3134, -116.4375.

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

192.7680, 21.3134, -116.4375

Protanopia

225.3380, -2.6316, 4.0886

Deuteranopia

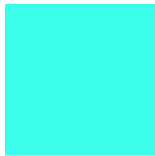
226.8300, 7.9718, 9.7961



Tritanopia

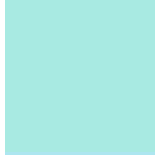
214.1910, 20.1188, -59.8035

Trichromacy



Original Color

192.7680, 21.3134, -116.4375



Protanomaly

213.3540, 6.2345, -39.7755



Deuteranomaly

214.0970, 12.7702, -36.0421



Tritanomaly

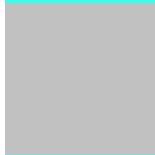
206.4720, 20.4733, -80.2209

Monochromacy



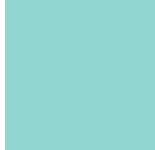
Original Color

192.7680, 21.3134, -116.4375



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

192.7990, 7.9871, -41.9197

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.7680, 21.3134, -116.4375 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(60, 252, 236)` looks like.

```
.text, #text, p{  
    color:rgb(60, 252, 236)  
}
```

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(60, 252, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 252, 236) }
```

Border

The CSS property to change the border of an element to YUV 192.7680, 21.3134, -116.4375 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(60, 252, 236) }
```


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

```
.border{ border-color:rgb(60, 252, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 252, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 252, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 252, 236);  
box-shadow:4px 4px 4px 4px rgb(60, 252,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 192.7680, 21.3134, -116.4375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 252, 236) }
```

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

```
.background{ background-color: rgb(60, 252,  
236) }
```

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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