

Converting Colors

YUV(193.0250, 21.6797,
-93.8609)

Have a look what the booklet for
YUV(193.0250, 21.6797, -93.8609)
contains.

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Color

**YUV(193.0250, 21.6797,
-93.8609)**

Conversions

Conversions Part 1

Format	Color
Hex	56EFED
RGB	86, 239, 237
RGB Percent	34%, 94%, 93%
CMY	0.6627, 0.0627, 0.0706
CMYK	0.64, 0.00, 0.01, 0.06
HSL	179°, 83%, 64%
HSV	179°, 64%, 94%
XYZ	49.9903, 69.8259, 90.9637
YIQ	193.0250, -90.5460, -33.0580

Conversions

Conversions Part 2

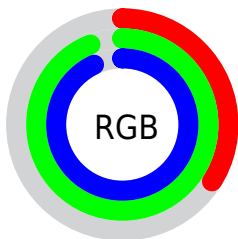
Format	Color
R _Y B	86, 163, 239
Decimal	5697517
CIE Lab	86.91, -39.98, -10.93
CIE LCh	87, 41.450, 195.291
Yxy	69.8259, 0.2372, 0.3313
Android (android.graphics.Color)	4283887597 (0xFF56EFED)
YUV	193.0250, 21.6797, -93.8609
Hunter-Lab	83.5619, -39.4469, -6.0486

Details

The YUV color **193.0250, 21.6797, -93.8609** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **131.9750, -21.6797, 93.8609**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2030, 15.1829, -63.3220**, and **127.4680, 26.3913, -111.7894** is the 20% darker color. If you saturate the color by 10%, you get **185.8490, 25.2174, -108.6156**, and if you desaturate by 10%, it is **200.2010, 18.1419, -79.1063**.

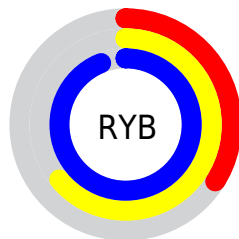
Distribution



Red (34%)

Green (94%)

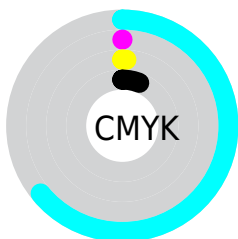
Blue (93%)



Red (34%)

Yellow (64%)

Blue (94%)

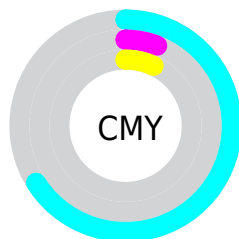


Cyan (64%)

Magenta (0%)

Yellow (1%)

Black (6%)



Cyan (66%)

Magenta (6%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.0250, 21.6797, -93.8609 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 193.0250, 21.6797, -93.8609 by changing the saturation by 10% instead.

193.0250, 21.6797,
-93.8609

193.0250, 21.6797,
-93.8609

255.0000, 0.0000,
0.0000

159.9530, 24.1802,
-102.5678

224.2030, 15.1829,
-63.3220

127.4680, 26.3913,
-111.7894

233.7710, 10.4659,
-43.6492

108.5410, 22.4113,
-95.1905

243.0400, 5.8963,
-24.5911

90.3150, 18.5787,
-79.2063

252.3090, 1.3267,
-5.5330

72.2030, 15.1829,
-63.3220

54.7920, 11.9345,
-48.0526

38.1960, 9.2704,

-33.4979

■ 23.3610, 5.7380,
-20.4876

■ 2.0690, 5.3890,
-1.8145

■ 193.0250, 21.6797,
-93.8609

■ 193.0250, 21.6797,
-93.8609

■ 185.8490, 25.2174,
-108.6156

■ 200.2010, 18.1419,
-79.1063

■ 178.5590, 28.3184,
-123.2702

■ 207.4910, 15.0409,
-64.4516

■ 171.3830, 31.8562,
-138.0249

■ 214.6670, 11.5032,
-49.6970

■ 167.1970, 33.9199,
-146.6318

■ 221.8430, 7.9654,
-34.9423

■ 228.8340, 5.0118,
-20.9024

■ 236.0100, 1.4741,
-6.1478

■ 243.1860, -2.0637,
8.6069

■ 243.7840, -2.3585,
9.8364

■ 243.8980, -1.9217,
9.7365

Harmonies

Analogous

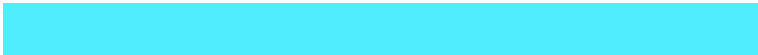
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



201.5180, -2.7204, -60.9673



193.0250, 21.6797, -93.8609



191.5220, 31.2947, -97.8048

Triad

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



193.0250, 21.6797, -93.8609



220.6220, 16.9484, 24.0105



215.1160, -36.0462, 34.9783

Complementary

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



193.0250, 21.6797, -93.8609



131.9750, -21.6797, 93.8609

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.



209.8790, -23.1113, 39.5711



193.0250, 21.6797, -93.8609



215.0210, 11.8216, 35.0616

Square

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



193.0250, 21.6797, -93.8609



213.5800, 20.4201, -16.2947



209.2870, -5.0715, 40.0903



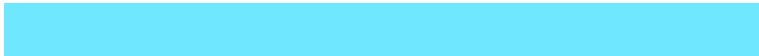
213.3640, -35.6755, 9.3278

Rectangle

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



193.0250, 21.6797, -93.8609



197.8560, 28.1720, -76.1727



209.2870, -5.0715, 40.0903



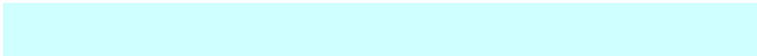
212.7510, -32.4152, 37.0524

Sweetspot

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



193.0250, 21.6797, -93.8609



240.5340, 6.6387, -29.4093



176.7080, -44.7190, -76.9199



118.9160, 3.9854, -18.3433



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.



193.0250, 21.6797, -93.8609



196.0540, 27.5814, -120.1964



149.8150, 43.9682, -55.9658



116.4120, 1.7689, -7.3773



128.6420, 25.8125, -112.8190



39.1420, 7.8180, -34.3275

Inverse Universe

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



131.9750, -21.6797, 93.8609



117.8320, -28.0182, 120.2963



175.1850, -43.9682, 55.9658



111.5880, -1.7689, 7.3773



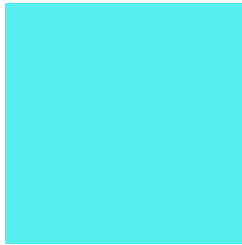
55.2440, -26.2493, 112.9190



16.8580, -7.8180, 34.3275

Previews

White Background



This preview shows how the YUV color 193.0250, 21.6797, -93.8609 looks on a white background.

Color Contrast Check

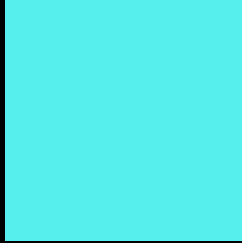
Large Text (above 18pt) WCAG AA × Fail

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 193.0250, 21.6797, -93.8609 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 193.0250, 21.6797, -93.8609

Background



This preview shows how black text looks on a background with the YUV color 193.0250, 21.6797, -93.8609.



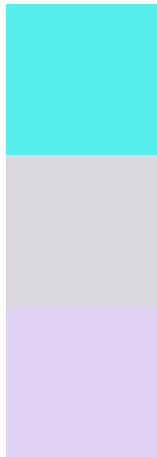
This preview shows how white text looks on a background with the YUV color 193.0250, 21.6797, -93.8609.

-93.8609.

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

193.0250, 21.6797, -93.8609

Protanopia

216.6950, 2.6154, 1.1445

Deuteranopia

217.9480, 12.3506, 5.3076



Tritanopia

196.6050, 28.7887, -87.3536

Trichromacy



Original Color

193.0250, 21.6797, -93.8609



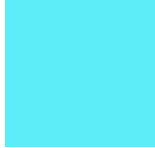
Protanomaly

208.1960, 9.2704, -33.4979



Deuteranomaly

209.2270, 15.6641, -30.8941



Tritanomaly

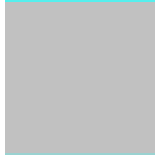
195.1980, 26.0314, -89.6276

Monochromacy



Original Color

193.0250, 21.6797, -93.8609



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.1420, 7.8180, -34.3275

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.0250, 21.6797, -93.8609 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(86, 239, 237)` looks like.

```
.text, #text, p{  
    color:rgb(86, 239, 237)  
}
```

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(86, 239, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 239, 237) }
```

Border

The CSS property to change the border of an element to YUV 193.0250, 21.6797, -93.8609 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(86, 239, 237) }
```


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

```
.border{ border-color:rgb(86, 239, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 239, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 239, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 239, 237);  
box-shadow:4px 4px 4px 4px rgb(86, 239,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 193.0250, 21.6797, -93.8609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 239, 237) }
```

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

```
.background{ background-color: rgb(86, 239,  
237) }
```

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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