

Converting Colors

YUV(157.9940, 25.6390,
-56.9997)

Have a look what the booklet for
YUV(157.9940, 25.6390, -56.9997)
contains.

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Color

**YUV(157.9940, 25.6390,
-56.9997)**

Conversions

Conversions Part 1

Format	Color
Hex	5DB5D2
RGB	93, 181, 210
RGB Percent	36%, 71%, 82%
CMY	0.6353, 0.2902, 0.1765
CMYK	0.56, 0.14, 0.00, 0.18
HSL	195°, 57%, 59%
HSV	195°, 56%, 82%
XYZ	32.6709, 40.0280, 66.9770
YIQ	157.9940, -61.7570, -9.6370

Conversions

Conversions Part 2

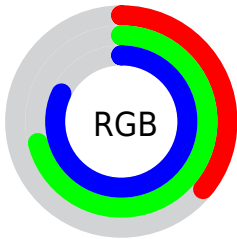
Format	Color
RYB	93, 143, 210
Decimal	6141394
CIELab	69.49, -18.24, -22.70
CIElCh	69, 29.117, 231.214
Yxy	40.0280, 0.2339, 0.2866
Android (android.graphics.Color)	4284331474 (0xFF5DB5D2)
YUV	157.9940, 25.6390, -56.9997
Hunter-Lab	63.2677, -18.5426, -18.4787

Details

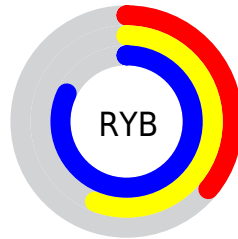
The YUV color **157.9940, 25.6390, -56.9997** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **145.0060, -25.6390, 56.9997**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3380, 20.5394, -54.6704**, and **99.0850, 27.5661, -68.4805** is the 20% darker color. If you saturate the color by 10%, you get **148.7800, 30.1815, -67.3361**, and if you desaturate by 10%, it is **167.2080, 21.0965, -46.6634**.

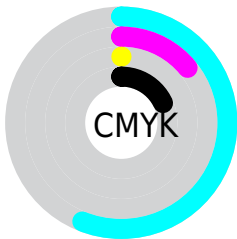
Distribution



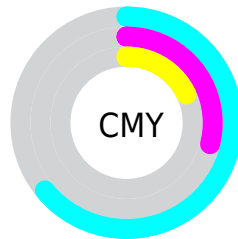
- Red (36%)
- Green (71%)
- Blue (82%)



- Red (36%)
- Yellow (56%)
- Blue (82%)



- Cyan (56%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (64%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.9940, 25.6390, -56.9997 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 157.9940, 25.6390, -56.9997 by changing the saturation by 10% instead.

■ 157.9940, 25.6390,
-56.9997

■ 157.9940, 25.6390,
-56.9997

■ 255.0000, 0.0000,
0.0000

■ 129.6840, 25.7918,
-59.3589

■ 213.3380, 20.5394,
-54.6704

■ 99.0850, 27.5661,
-68.4805

■ 232.8740, 10.9081,
-45.4935

■ 75.1670, 26.5397,
-65.9215

■ 241.5450, 6.6333,
-27.6650

■ 58.2290, 22.5651,
-51.0668

■ 250.5150, 2.2111,
-9.2217

■ 41.9920, 18.7379,
-36.8270

■ 26.4560, 15.0582,
-23.2019

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 157.9940, 25.6390,
-56.9997

■ 157.9940, 25.6390,
-56.9997

■ 148.7800, 30.1815,
-67.3361

■ 167.2080, 21.0965,
-46.6634

■ 139.5660, 34.7240,
-77.6724

■ 176.4220, 16.5540,
-36.3271

■ 129.7650, 39.5559,
-87.4939

■ 186.2230, 11.7221,
-26.5056

■ 120.5510, 44.0984,
-97.8302

■ 195.4370, 7.1796,
-16.1692

■ 116.6860, 46.0038,
-102.3336

■ 204.6510, 2.6371,
-5.8329

■ 213.8650, -1.9054,
4.5034

■ 223.0790, -6.4479,
14.8397

■ 231.0860,
-10.3954, 20.9726

■ 234.0210,
-11.8424, 18.3986

Harmonies

Analogous

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



155.7520, 15.8983, -59.4185



157.9940, 25.6390, -56.9997



164.9950, 27.6105, -35.9526

Triad

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



157.9940, 25.6390, -56.9997



173.9260, 2.5015, 37.7759



166.3490, -22.8501, 2.3249

Complementary

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



157.9940, 25.6390, -56.9997



145.0060, -25.6390, 56.9997

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.



168.9110, -25.0991, 23.7571



157.9940, 25.6390, -56.9997



172.6420, -10.1765, 44.1640

Square

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



157.9940, 25.6390, -56.9997



173.9050, 14.3438, 19.3773



171.2640, -20.3432, 38.3565



162.7250, -13.1754, -20.8068

Rectangle

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



157.9940, 25.6390, -56.9997



169.2470, 25.5142, -16.8796



171.2640, -20.3432, 38.3565



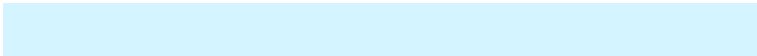
167.0510, -24.1821, 9.6023

Sweetspot

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



157.9940, 25.6390, -56.9997



235.6860, 9.5218, -20.7726



164.7570, -22.0652, -62.9309



116.1170, 5.8583, -12.3806



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.



157.9940, 25.6390, -56.9997



179.2170, 37.3610, -83.5053



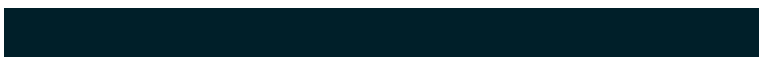
124.5350, 42.1342, -27.6562



99.9500, 2.4897, -5.2181



93.7010, 36.6294, -82.1758



22.8710, 8.9376, -20.0579

Inverse Universe

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



138.0150, 21.1916, 63.1308



149.8350, 31.1403, 92.2297



178.4650, -42.1342, 27.6562



98.2010, 1.8729, 5.9627



64.7100, 30.7090, 90.5853



15.7930, 7.4971, 22.1065

Previews

White Background



This preview shows how the YUV color 157.9940, 25.6390, -56.9997 looks on a white background.

Color Contrast Check

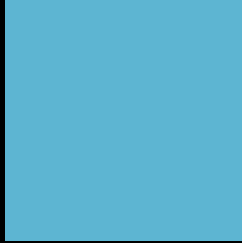
Large Text (above 18pt) WCAG AA × Fail

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 157.9940, 25.6390, -56.9997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

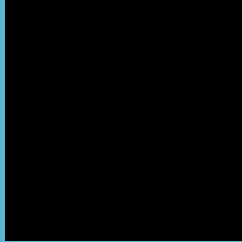
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.9940, 25.6390, -56.9997

Background



This preview shows how black text looks on a background with the YUV color 157.9940, 25.6390, -56.9997.



This preview shows how white text looks on a background with the YUV color 157.9940, 25.6390, -56.9997.

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

157.9940, 25.6390, -56.9997

Protanopia

169.3810, 15.5882, -6.4731

Deuteranopia

170.1620, 21.1191, -7.1581



Tritanopia

156.3050, 20.5556, -59.9035

Trichromacy



Original Color

157.9940, 25.6390, -56.9997

Protanomaly

165.1830, 19.1368, -24.7165

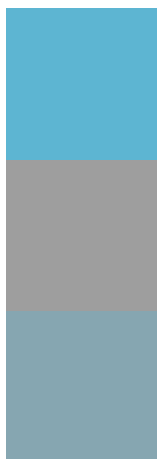
Deuteranomaly

165.5080, 22.9206, -25.0015

Tritanomaly

156.7720, 22.2974, -58.5590

Monochromacy



Original Color

157.9940, 25.6390, -56.9997

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.6860, 9.5218, -20.7726

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.9940, 25.6390, -56.9997 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(93, 181, 210)` looks like.

```
.text, #text, p{  
    color:rgb(93, 181, 210)  
}
```

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(93, 181, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 181, 210) }
```

Border

The CSS property to change the border of an element to YUV 157.9940, 25.6390, -56.9997 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(93, 181, 210) }
```


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

```
.border{ border-color:rgb(93, 181, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 181, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 181, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 181, 210);  
box-shadow:4px 4px 4px 4px rgb(93, 181,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 157.9940, 25.6390, -56.9997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 181, 210) }
```

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

```
.background{ background-color: rgb(93, 181,  
210) }
```

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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