

Converting Colors

YUV(195.5430, 6.1413,
-56.6042)

Have a look what the booklet for
YUV(195.5430, 6.1413, -56.6042)
contains.

YUV(195.5430, 6.1413, -56.6042)	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(195.5430, 6.1413,
-56.6042)**

Conversions

Conversions Part 1

Format	Color
Hex	83E2D0
RGB	131, 226, 208
RGB Percent	51%, 89%, 82%
CMY	0.4863, 0.1137, 0.1843
CMYK	0.42, 0.00, 0.08, 0.11
HSL	169°, 62%, 70%
HSV	169°, 42%, 89%
XYZ	47.9416, 63.7721, 69.4570
YIQ	195.5430, -50.8420, -25.7380

Conversions

Conversions Part 2

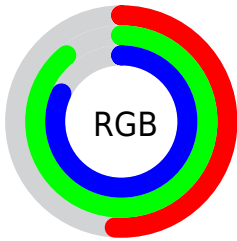
Format	Color
RYB	131, 183, 226
Decimal	8643280
CIELab	83.85, -32.36, -0.02
CIELCh	84, 32.364, 180.029
Yxy	63.7721, 0.2646, 0.3520
Android (android.graphics.Color)	4286833360 (0xFF83E2D0)
YUV	195.5430, 6.1413, -56.6042
Hunter-Lab	79.8574, -32.5898, 4.3320

Details

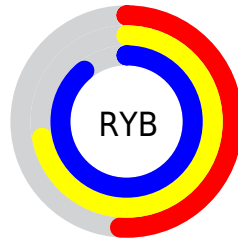
The YUV color **195.5430, 6.1413, -56.6042** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **161.4570, -6.1413, 56.6042**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9670, 9.8763, -41.1901**, and **139.4720, 7.1623, -57.4189** is the 20% darker color. If you saturate the color by 10%, you get **188.2100, 7.7845, -70.3442**, and if you desaturate by 10%, it is **202.8760, 4.4981, -42.8643**.

Distribution



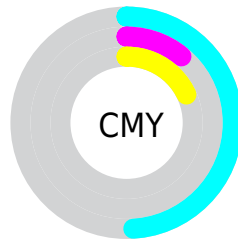
- Red (51%)
- Green (89%)
- Blue (82%)



- Red (51%)
- Yellow (72%)
- Blue (89%)



- Cyan (42%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.5430, 6.1413, -56.6042 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 195.5430, 6.1413, -56.6042 by changing the saturation by 10% instead.

■ 195.5430, 6.1413,
-56.6042

■ 195.5430, 6.1413,
-56.6042

255.0000, 0.0000,
0.0000

■ 167.5430, 6.1413,
-56.6042

■ 234.9670, 9.8763,
-41.1901

■ 139.4720, 7.1623,
-57.4189

■ 243.6380, 5.6015,
-23.3615

■ 111.3900, 8.1887,
-59.9780

■ 252.6080, 1.1793,
-4.9182

■ 80.4210, 11.1314,
-70.5292

■ 63.0100, 7.8831,
-55.2598

■ 46.3000, 4.7821,
-40.6051

■ 30.4050, 2.2653,

-26.6652

■ 14.3960, -0.6882,
-12.6253

■ 0.0000, 0.0000,
0.0000

■ 195.5430, 6.1413,
-56.6042

■ 195.5430, 6.1413,
-56.6042

■ 188.2100, 7.7845,
-70.3442

■ 202.8760, 4.4981,
-42.8643

■ 181.0620, 8.8434,
-83.3694

■ 210.0240, 3.4392,
-29.8390

■ 173.7290, 10.4866,
-97.1093

■ 217.3570, 1.7960,
-16.0991

■ 166.6950, 11.9824,
-110.2345

■ 224.3910, 0.3002,
-2.9739

■ 159.3620, 13.6255,
-123.9745

■ 231.7240, -1.3429,
10.7661

■ 153.5240, 14.5317,
-134.6405

■ 235.5830, -0.7804,
17.0287

■ 236.0390, 0.9668,
16.6288

■ 236.4950, 2.7140,
16.2289

■ 237.0650, 4.8980,
15.7290

Harmonies

Analogous

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



199.9300, -10.8115, -32.3876



195.5430, 6.1413, -56.6042



193.5920, 21.8931, -68.9252

Triad

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



195.5430, 6.1413, -56.6042



211.0430, 21.6708, 2.5933



209.7820, -26.0215, 39.6562

Complementary

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



195.5430, 6.1413, -56.6042



161.4570, -6.1413, 56.6042

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.



207.7080, -13.6600, 41.4751



195.5430, 6.1413, -56.6042



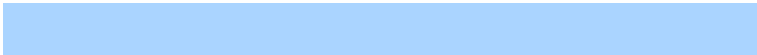
214.2160, 12.7115, 29.6286

Square

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



195.5430, 6.1413, -56.6042



204.3440, 24.9734, -30.1197



209.9540, 0.0227, 39.5053



207.4500, -29.3088, 20.6534

Rectangle

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



195.5430, 6.1413, -56.6042



195.8620, 29.1550, -64.7770



209.9540, 0.0227, 39.5053



208.8190, -22.0958, 40.5007

Sweetspot

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



195.5430, 6.1413, -56.6042



244.4490, 2.2436, -19.6878



192.4460, -30.2929, -37.2251



121.2650, 1.3484, -12.5104



0.0000, 0.0000, 0.0000



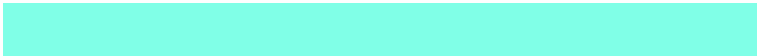
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



195.5430, 6.1413, -56.6042



214.2910, 8.2375, -75.6772



180.5720, 22.3960, -43.4746



108.4830, 0.7479, -6.5626



119.6140, 11.5293, -104.9015



32.6220, 3.1444, -28.6095

Inverse Universe

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



161.4570, -6.1413, 56.6042



168.7090, -8.2375, 75.6772



176.4280, -22.3960, 43.4746



104.5170, -0.7479, 6.5626



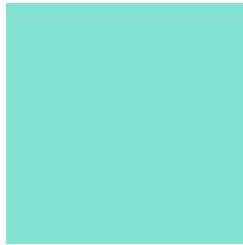
56.3860, -11.5293, 104.9015



15.3780, -3.1444, 28.6095

Previews

White Background



This preview shows how the YUV color 195.5430, 6.1413, -56.6042 looks on a white background.

Color Contrast Check

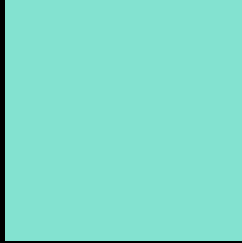
Large Text (above 18pt) WCAG AA × Fail

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 195.5430, 6.1413, -56.6042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

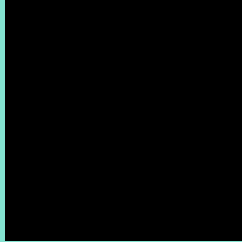
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

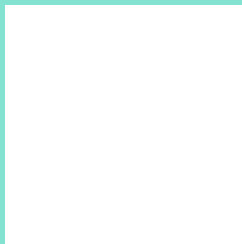
Any Text WCAG AAA ✓ Pass

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

YUV 195.5430, 6.1413, -56.6042 Background



This preview shows how black text looks on a background with the YUV color 195.5430, 6.1413, -56.6042.



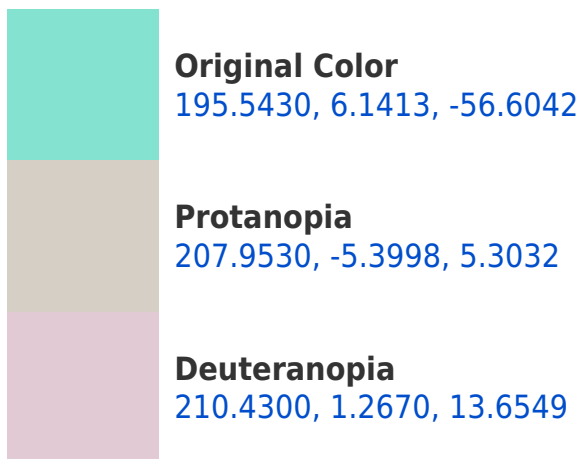
This preview shows how white text looks on a background with the YUV color 195.5430, 6.1413,

-56.6042.

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





Tritanopia

198.5340, 19.9497, -52.2113

Trichromacy



Original Color

195.5430, 6.1413, -56.6042



Protanomaly

203.5480, -1.2562, -17.1436



Deuteranomaly

205.0200, 2.9481, -12.2955



Tritanomaly

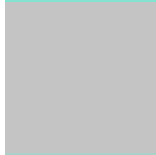
197.5570, 15.0084, -53.9855

Monochromacy



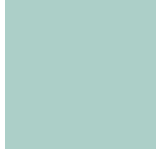
Original Color

195.5430, 6.1413, -56.6042



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.7370, 2.1017, -20.8173

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.5430, 6.1413, -56.6042 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(131, 226, 208)` looks like.

```
.text, #text, p{  
    color:rgb(131, 226, 208)  
}
```

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(131, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 226, 208) }
```

Border

The CSS property to change the border of an element to YUV 195.5430, 6.1413, -56.6042 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(131, 226, 208) }
```


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

```
.border{ border-color:rgb(131, 226, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 226, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(131, 226,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 195.5430, 6.1413, -56.6042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 226, 208) }
```

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

```
.background{ background-color: rgb(131,  
226, 208) }
```

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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