

Converting Colors

YUV(153.1730, 7.3097,
-58.0337)

Have a look what the booklet for
YUV(153.1730, 7.3097, -58.0337)
contains.

YUV(153.1730, 7.3097, -58.0337)	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(153.1730, 7.3097,
-58.0337)**

Conversions

Conversions Part 1

Format	Color
Hex	57B8A8
RGB	87, 184, 168
RGB Percent	34%, 72%, 66%
CMY	0.6588, 0.2784, 0.3412
CMYK	0.53, 0.00, 0.09, 0.28
HSL	170°, 41%, 53%
HSV	170°, 53%, 72%
XYZ	28.1389, 39.1344, 43.1164
YIQ	153.1730, -52.6760, -25.5400

Conversions

Conversions Part 2

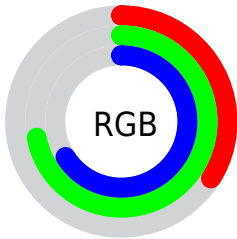
Format	Color
R _{YB}	87, 140, 184
Decimal	5748904
CIE _{Lab}	68.85, -32.48, -0.58
CIE _{LCh}	69, 32.490, 181.017
Y _{xy}	39.1344, 0.2549, 0.3545
Android (android.graphics.Color)	4283938984 (0xFF57B8A8)
YUV	153.1730, 7.3097, -58.0337
Hunter-Lab	62.5575, -29.1848, 2.9259

Details

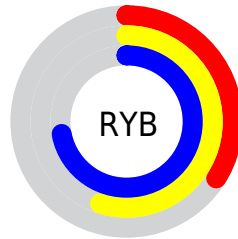
The YUV color **153.1730, 7.3097, -58.0337** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **117.8270, -7.3097, 58.0337**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3580, 6.7255, -57.3190**, and **95.2150, 10.2470, -66.8406** is the 20% darker color. If you saturate the color by 10%, you get **147.4490, 8.6526, -68.7998**, and if you desaturate by 10%, it is **158.8970, 5.9668, -47.2677**.

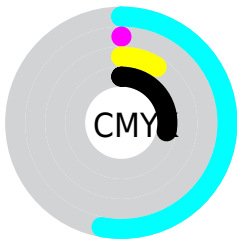
Distribution



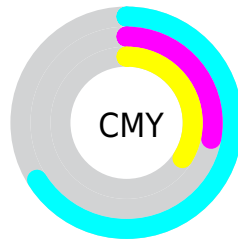
- Red (34%)
- Green (72%)
- Blue (66%)



- Red (34%)
- Yellow (55%)
- Blue (72%)



- Cyan (53%)
- Magenta (0%)
- Yellow (9%)
- Black (28%)



- Cyan (66%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.1730, 7.3097, -58.0337 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 153.1730, 7.3097, -58.0337 by changing the saturation by 10% instead.

■ 153.1730, 7.3097,
-58.0337

■ 153.1730, 7.3097,
-58.0337

255.0000, 0.0000,
0.0000

■ 125.3900, 8.1887,
-59.9780

■ 209.3580, 6.7255,
-57.3190

■ 95.2150, 10.2470,
-66.8406

■ 229.8410, 10.9244,
-50.7266

■ 72.1230, 9.7994,
-63.2519

■ 238.8540, 7.9600,
-33.1980

■ 54.7120, 6.5510,
-47.9824

■ 247.8240, 3.5378,
-14.7546

■ 38.1160, 3.8868,
-33.4277

■ 23.9820, 0.5019,
-21.0322

■ 0.0000, 0.0000,

0.0000

■ 153.1730, 7.3097,
-58.0337

■ 153.1730, 7.3097,
-58.0337

■ 147.4490, 8.6526,
-68.7998

■ 158.8970, 5.9668,
-47.2677

■ 141.4260, 10.1430,
-80.1806

■ 164.9200, 4.4764,
-35.8868

■ 135.7020, 11.4859,
-90.9467

■ 170.6440, 3.1335,
-25.1208

■ 129.6790, 12.9763,
-102.3275

■ 176.6670, 1.6432,
-13.7400

■ 125.5640, 14.0189,
-110.1196

■ 182.3910, 0.3002,
-2.9739

■ 188.1150, -1.0427,
7.7921

■ 194.1380, -2.5330,
19.1730

■ 199.8620, -3.8760,
29.9390

■ 205.8850, -5.3663,
41.3199

Harmonies

Analogous

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



158.5710, -9.6485, -32.0728



153.1730, 7.3097, -58.0337



149.6130, 23.3618, -73.3286

Triad

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



153.1730, 7.3097, -58.0337



170.4990, 23.4180, 2.1934



168.2980, -25.2899, 38.3267

Complementary

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



153.1730, 7.3097, -58.0337



117.8270, -7.3097, 58.0337

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.



169.9970, -15.2815, 48.2376



153.1730, 7.3097, -58.0337



172.1020, 12.2747, 29.7285

Square

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



153.1730, 7.3097, -58.0337



164.4240, 30.3570, -30.1898



171.8300, -1.8882, 45.7531



165.7810, -27.9930, 18.6091

Rectangle

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



153.1730, 7.3097, -58.0337



152.9540, 29.6027, -68.3657



171.8300, -1.8882, 45.7531



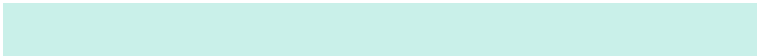
168.7160, -22.5380, 42.3451

Sweetspot

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



153.1730, 7.3097, -58.0337



227.5410, 2.6913, -23.2765



148.7230, -30.4294, -40.0991



112.6670, 1.6432, -13.7400



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



153.1730, 7.3097, -58.0337



192.0010, 11.3385, -90.3319



136.2130, 23.5590, -43.1598



89.0810, 0.4531, -5.3330



106.3920, 11.6387, -93.3058



19.0580, 1.9434, -16.7139

Inverse Universe

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



117.8270, -7.3097, 58.0337



136.9990, -11.3385, 90.3319



134.7870, -23.5590, 43.1598



85.8050, -0.8899, 5.4330



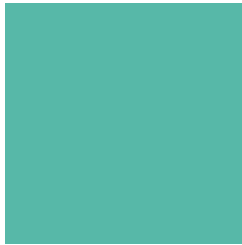
49.6080, -11.6387, 93.3058



8.9420, -1.9434, 16.7139

Previews

White Background



This preview shows how the YUV color 153.1730, 7.3097, -58.0337 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 153.1730, 7.3097, -58.0337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

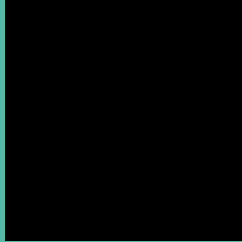
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.1730, 7.3097, -58.0337

Background



This preview shows how black text looks on a background with the YUV color 153.1730, 7.3097, -58.0337.

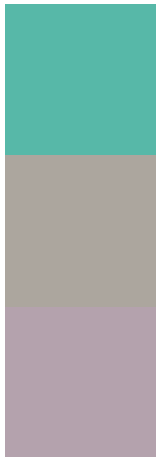


This preview shows how white text looks on a background with the YUV color 153.1730, 7.3097,

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

153.1730, 7.3097, -58.0337

Protanopia

166.8820, -4.3788, 4.4885

Deuteranopia

168.6360, 2.1515, 9.9662



Tritanopia

156.5940, 18.9342, -53.1409

Trichromacy



Original Color

153.1730, 7.3097, -58.0337

Protanomaly

162.1780, -0.0878, -18.5731

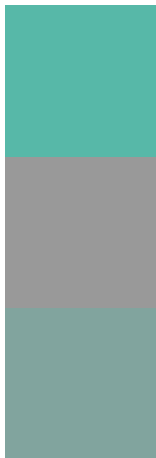
Deuteranomaly

162.9380, 3.9746, -14.8546

Tritanomaly

155.1440, 14.7190, -54.5003

Monochromacy



Original Color

153.1730, 7.3097, -58.0337

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8510, 2.5385, -20.9173

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.1730, 7.3097, -58.0337 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(87, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(87, 184, 168)  
}
```

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(87, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 184, 168) }
```

Border

The CSS property to change the border of an element to YUV 153.1730, 7.3097, -58.0337 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(87, 184, 168) }
```


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

```
.border{ border-color:rgb(87, 184, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 184, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(87, 184,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 153.1730, 7.3097, -58.0337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 184, 168) }
```

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

```
.background{ background-color: rgb(87, 184,  
168) }
```

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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