

Converting Colors

YUV(150.8550, 16.3405,
-61.2628)

Have a look what the booklet for
YUV(150.8550, 16.3405, -61.2628)
contains.

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Color

**YUV(150.8550, 16.3405,
-61.2628)**

Conversions

Conversions Part 1

Format	Color
Hex	51B4B8
RGB	81, 180, 184
RGB Percent	32%, 71%, 72%
CMY	0.6824, 0.2941, 0.2784
CMYK	0.56, 0.02, 0.00, 0.28
HSL	182°, 42%, 52%
HSV	182°, 56%, 72%
XYZ	28.3663, 37.8525, 51.1586
YIQ	150.8550, -60.2880, -19.7440

Conversions

Conversions Part 2

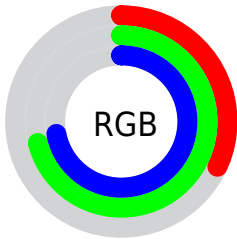
Format	Color
RYB	81, 131, 184
Decimal	5354680
CIELab	67.91, -27.55, -10.81
CIELCh	68, 29.595, 201.418
Yxy	37.8525, 0.2417, 0.3225
Android (android.graphics.Color)	4283544760 (0xFF51B4B8)
YUV	150.8550, 16.3405, -61.2628
Hunter-Lab	61.5244, -25.3689, -6.2336

Details

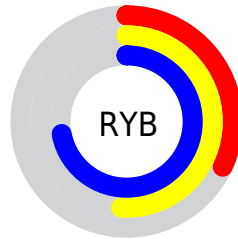
The YUV color **150.8550, 16.3405, -61.2628** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **114.1450, -16.3405, 61.2628**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4530, 16.0457, -60.0333**, and **89.4830, 20.4679, -78.4766** is the 20% darker color. If you saturate the color by 10%, you get **144.8860, 19.2832, -71.8140**, and if you desaturate by 10%, it is **156.8240, 13.3978, -50.7116**.

Distribution



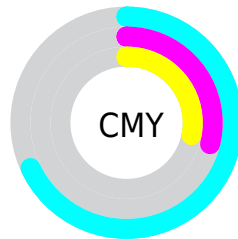
- Red (32%)
- Green (71%)
- Blue (72%)



- Red (32%)
- Yellow (51%)
- Blue (72%)



- Cyan (56%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (68%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.8550, 16.3405, -61.2628 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 150.8550, 16.3405, -61.2628 by changing the saturation by 10% instead.

■ 150.8550, 16.3405,
-61.2628

■ 150.8550, 16.3405,
-61.2628

■ 255.0000, 0.0000,
0.0000

■ 122.3600, 17.0775,
-64.3367

■ 207.4530, 16.0457,
-60.0333

■ 89.4830, 20.4679,
-78.4766

■ 228.9870, 12.8244,
-53.4856

■ 71.3710, 17.0721,
-62.5924

■ 237.9570, 8.4022,
-35.0423

■ 54.5470, 13.5343,
-47.8377

■ 246.6280, 4.1274,
-17.2138

■ 38.4240, 10.1440,
-33.6978

■ 24.1760, 6.3222,
-21.2024

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 150.8550, 16.3405,
-61.2628

■ 150.8550, 16.3405,
-61.2628

■ 144.8860, 19.2832,
-71.8140

■ 156.8240, 13.3978,
-50.7116

■ 139.2050, 22.0839,
-83.4948

■ 162.5050, 10.5970,
-39.0309

■ 133.2360, 25.0267,
-94.0460

■ 168.4740, 7.6543,
-28.4797

■ 126.9680, 28.1168,
-105.2119

■ 174.7420, 4.5642,
-17.3137

■ 124.8750, 29.1486,
-109.5154

■ 180.7110, 1.6215,
-6.7625

■ 186.0930, -1.0318,
4.3034

■ 192.3610, -4.1220,
15.4694

■ 198.3300, -7.0647,
26.0206

■ 204.0110, -9.8654,
37.7014

Harmonies

Analogous

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



154.3550, 1.3040, -45.0383



150.8550, 16.3405, -61.2628



153.0970, 26.0812, -58.8441

Triad

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



150.8550, 16.3405, -61.2628



169.3180, 14.6332, 19.8921



164.4980, -25.3885, 23.2423

Complementary

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



150.8550, 16.3405, -61.2628



114.1450, -16.3405, 61.2628

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.



166.5630, -20.4906, 38.9712



150.8550, 16.3405, -61.2628



169.2250, 2.3541, 38.3907

Square

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



150.8550, 16.3405, -61.2628



166.5580, 23.8819, -6.6284



167.9410, -10.3239, 44.7787



161.9360, -23.1394, 1.8101

Rectangle

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



150.8550, 16.3405, -61.2628



157.7550, 28.2218, -45.3891



167.9410, -10.3239, 44.7787



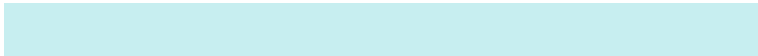
165.3570, -24.8260, 29.5049

Sweetspot

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



150.8550, 16.3405, -61.2628



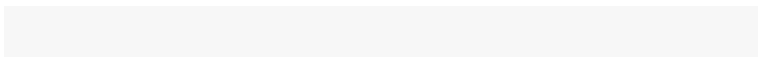
226.5670, 6.6225, -24.1763



141.8030, -28.4969, -53.3242



112.2370, 3.8272, -14.2398



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.



150.8550, 16.3405, -61.2628



187.7520, 25.7583, -95.3755



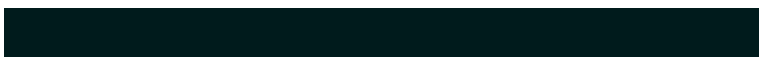
120.9180, 31.0994, -35.0081



88.7220, 1.6161, -5.0182



105.8340, 24.7318, -92.8164



19.0410, 4.4168, -16.6990

Inverse Universe

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



123.0830, 28.0601, 53.4242



144.6950, 43.5344, 83.5825



144.0820, -31.0994, 35.0081



86.6030, 2.1677, 4.7332



63.7440, 42.5242, 80.9085



11.4500, 7.6662, 14.5144

Previews

White Background



This preview shows how the YUV color 150.8550, 16.3405, -61.2628 looks on a white background.

Color Contrast Check

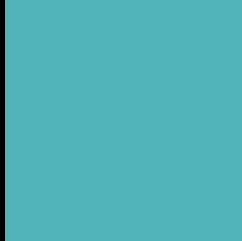
Large Text (above 18pt) WCAG AA × Fail

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 150.8550, 16.3405, -61.2628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

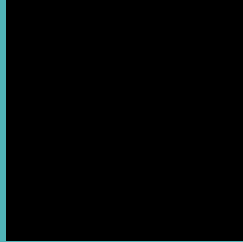
Any Text WCAG AA ✓ Pass

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 150.8550, 16.3405, -61.2628 Background



This preview shows how black text looks on a background with the YUV color 150.8550, 16.3405, -61.2628.



This preview shows how white text looks on a background with the YUV color 150.8550, 16.3405, -61.2628.

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

150.8550, 16.3405, -61.2628

Protanopia

164.8520, 4.5100, 0.1298

Deuteranopia

165.8830, 10.9037, 2.7336



Tritanopia

152.4900, 19.9714, -59.1887

Trichromacy



Original Color

150.8550, 16.3405, -61.2628

Protanomaly

159.5610, 9.0904, -22.4170

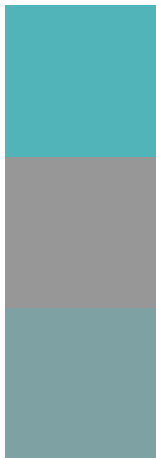
Deuteranomaly

160.3100, 13.1582, -20.4429

Tritanomaly

151.8490, 18.8084, -59.5036

Monochromacy



Original Color

150.8550, 16.3405, -61.2628

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.3500, 5.7435, -22.2319

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.8550, 16.3405, -61.2628 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(81, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(81, 180, 184)  
}
```

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(81, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 180, 184) }
```

Border

The CSS property to change the border of an element to YUV 150.8550, 16.3405, -61.2628 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(81, 180, 184) }
```


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

```
.border{ border-color:rgb(81, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(81, 180,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 150.8550, 16.3405, -61.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 180, 184) }
```

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

```
.background{ background-color: rgb(81, 180,  
184) }
```

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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