

Converting Colors

XYZ(51.7389, 60.3808, 61.9330)

Have a look what the booklet for
XYZ(51.7389, 60.3808, 61.9330)
contains.

XYZ(51.7530, 60.4653, 61.7666)	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

**XYZ(51.7530, 60.4653,
61.7666)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D4C5
RGB	177, 212, 197
RGB Percent	69%, 83%, 77%
CMY	0.3059, 0.1686, 0.2274
CMYK	0.17, 0.00, 0.07, 0.17
HSL	154°, 29%, 76%
HSV	154°, 17%, 83%
XYZ	51.7530, 60.4653, 61.7666
YIQ	199.8250, -16.0450, -12.0850

Conversions

Conversions Part 2

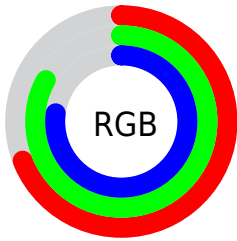
Format	Color
RYB	177, 199, 212
Decimal	11654341
CIELab	82.09, -14.51, 3.56
CIElCh	82, 14.943, 166.221
Yxy	60.4653, 0.2975, 0.3475
Android (android.graphics.Color)	4289844421 (0xFFB1D4C5)
YUV	199.8250, -1.3927, -20.0175
Hunter-Lab	77.7594, -17.2779, 7.3358

Details

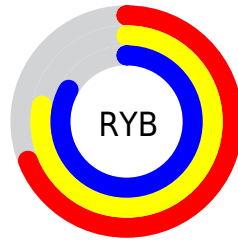
The XYZ color **51.7530, 60.4653, 61.7666** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.3901, 49.2487, 56.6166**, and the grayscale version is **54.8088, 57.6631, 62.7951**.

A 20% lighter version of the original color is **87.2537, 95.9994, 107.6969**, and **25.3271, 30.3822, 30.5161** is the 20% darker color. If you saturate the color by 10%, you get **46.2844, 57.7645, 56.2389**, and if you desaturate by 10%, it is **58.0380, 63.5830, 67.6627**.

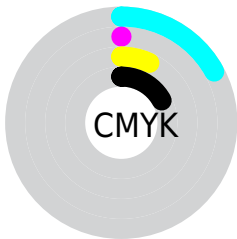
Distribution



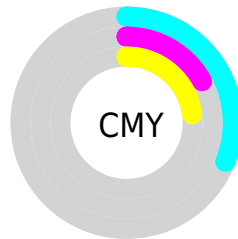
- Red (69%)
- Green (83%)
- Blue (77%)



- Red (69%)
- Yellow (78%)
- Blue (83%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (31%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7530, 60.4653, 61.7666 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 XYZ color 51.7530, 60.4653, 61.7666 by changing the saturation by 10% instead.

■ 51.7530, 60.4653,
61.7666

■ 51.7530, 60.4653,
61.7666

383.8219,
426.3107, 449.0633

■ 37.0317, 43.7938,
44.4096

■ 91.9433, 105.5043,
108.9565

■ 25.4058, 30.5084,
30.6531

118.1429,
134.6407, 139.6263

■ 16.5100, 20.2248,
20.0786

148.8994,
168.7007, 175.5709

■ 9.9789, 12.5586,
12.2675

184.5781,
208.0689, 217.2088

■ 5.4471, 7.1253,
6.8014

225.5444,
253.1296, 264.9584

■ 2.5493, 3.5406,
3.2616

272.1635,

■ 0.9202, 1.4200,

304.2672, 319.2383

1.2297

324.8009,
361.8661, 380.4671

■ 0.0000, 0.2314,
0.0031

■ 0.0000, 0.0000,
0.0000

■ 51.7530, 60.4653,
61.7666

■ 51.7530, 60.4653,
61.7666

■ 46.2844, 57.7645,
56.2389

■ 58.0380, 63.5830,
67.6627

■ 41.5914, 55.4548,
51.0682

■ 65.1676, 67.1272,
73.9304

■ 37.6375, 53.5190,
46.2482

■ 73.1751, 71.1163,
80.5779

■ 34.3808, 51.9359,
41.7708

■ 79.5426, 74.2524,
87.4926

■ 31.7752, 50.6816,
37.6278

■ 80.8773, 74.7863,
94.5211

■ 29.7687, 49.7297,
33.8102

■ 82.2799, 75.3473,
101.9069

■ 28.3009, 49.0490,
30.3086

■ 82.8346, 75.5692,
104.8282

■ 27.2947, 48.5999,
27.1124

■ 27.0041, 48.4730,
26.0654

Harmonies

Analogous

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



53.1821, 60.4653, 54.4850



51.7530, 60.4653, 61.7666



51.8157, 60.4653, 70.8327

Triad

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



51.7530, 60.4653, 61.7666



59.1895, 60.4653, 84.0554



61.7905, 60.4653, 54.0228

Complementary

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



51.7530, 60.4653, 61.7666



52.3901, 49.2487, 56.6166

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.



63.5224, 60.4653, 61.0808



51.7530, 60.4653, 61.7666



61.9834, 60.4653, 78.6642

Square

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



51.7530, 60.4653, 61.7666



56.0312, 60.4653, 84.2821



63.5942, 60.4653, 70.0812



58.9341, 60.4653, 50.2998

Rectangle

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



51.7530, 60.4653, 61.7666



52.6933, 60.4653, 76.6964



63.5942, 60.4653, 70.0812



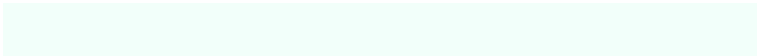
62.5280, 60.4653, 56.0533

Sweetspot

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



51.7547, 60.4678, 61.7679



89.6463, 97.3145, 104.1194



53.2618, 61.4922, 50.6579



19.0311, 20.7514, 22.1445



0.0000, 0.0000, 0.0000



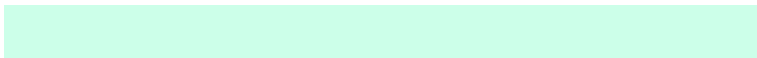
20.3446, 21.4041, 23.3091

Same Dimension

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



51.7547, 60.4678, 61.7679



75.3899, 90.2486, 90.6421



52.9815, 60.0319, 71.0852



12.5568, 14.0137, 14.7464



16.7213, 29.9439, 16.3598



1.0496, 1.8225, 1.2032

Inverse Universe

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



52.3901, 49.2487, 56.6166



76.5411, 69.9290, 81.3141



51.2760, 49.5469, 48.4569



12.6420, 12.5083, 14.0550



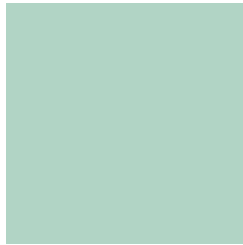
17.9722, 9.1252, 7.1575



1.1250, 0.5668, 0.6476

Previews

White Background



This preview shows how the XYZ color 51.7530, 60.4653, 61.7666 looks on a white background.

Color Contrast Check

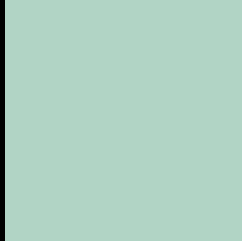
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 51.7530, 60.4653, 61.7666 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

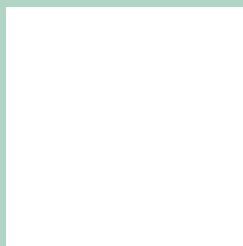
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.7530, 60.4653, 61.7666

Background



This preview shows how black text looks on a background with the XYZ color 51.7530, 60.4653, 61.7666.



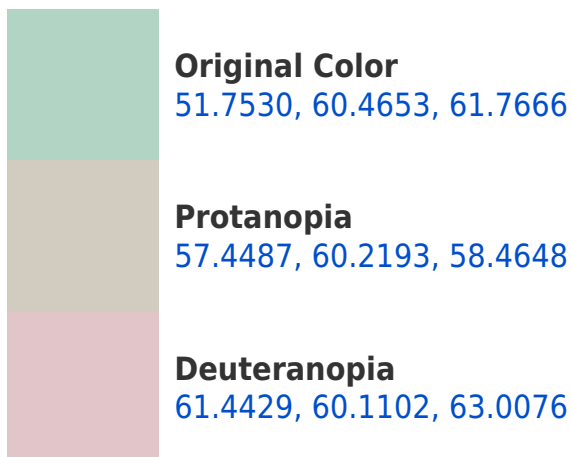
This preview shows how white text looks on a background with the XYZ color 51.7530, 60.4653,

61.7666.

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

55.3018, 60.4387, 79.2721

Trichromacy



Original Color

51.7530, 60.4653, 61.7666

Protanomaly

55.0976, 60.0434, 59.7245

Deuteranomaly

57.4418, 59.7745, 62.5430

Tritanomaly

53.7605, 60.1593, 72.3968

Monochromacy



Original Color

51.7530, 60.4653, 61.7666

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.6399, 58.5157, 62.5004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7530, 60.4653, 61.7666 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(177, 212, 197)` looks like.

```
.text, #text, p{  
    color:rgb(177, 212, 197)  
}
```

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(177, 212, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 212, 197) }
```

Border

The CSS property to change the border of an element to XYZ 51.7530, 60.4653, 61.7666 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(177, 212, 197) }
```


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

```
.border{ border-color:rgb(177, 212, 197) }
```

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

Here you see how a box with a 4 pixel rgb(177, 212, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 212, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 212, 197);  
box-shadow:4px 4px 4px 4px rgb(177, 212,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7530, 60.4653, 61.7666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 212, 197) }
```

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

```
.background{ background-color: rgb(177,  
212, 197) }
```

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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