

Converting Colors

XYZ(53.8739, 64.9741, 61.7162)

Have a look what the booklet for
XYZ(53.8739, 64.9741, 61.7162)
contains.

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Color

**XYZ(53.9517, 65.0455,
61.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	B1DDC4
RGB	177, 221, 196
RGB Percent	69%, 87%, 77%
CMY	0.3059, 0.1333, 0.2314
CMYK	0.20, 0.00, 0.11, 0.13
HSL	146°, 39%, 78%
HSV	146°, 20%, 87%
XYZ	53.9517, 65.0455, 61.9360
YIQ	204.9940, -18.1990, -17.1030

Conversions

Conversions Part 2

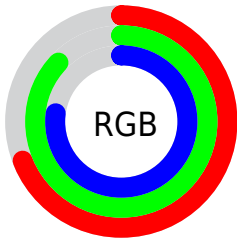
Format	Color
RYB	177, 208, 221
Decimal	11656644
CIELab	84.51, -19.23, 7.57
CIElCh	85, 20.667, 158.499
Yxy	65.0455, 0.2982, 0.3595
Android (android.graphics.Color)	4289846724 (0xFFB1DDC4)
YUV	204.9940, -4.4340, -24.5507
Hunter-Lab	80.6508, -21.7305, 10.9236

Details

The XYZ color **53.9517, 65.0455, 61.9360** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.2039, 51.0823, 62.7776**, and the grayscale version is **58.0616, 61.0853, 66.5219**.

A 20% lighter version of the original color is **87.0939, 95.9355, 106.8556**, and **26.8309, 33.5105, 30.6452** is the 20% darker color. If you saturate the color by 10%, you get **47.9498, 62.1115, 54.5039**, and if you desaturate by 10%, it is **60.8921, 68.4531, 70.0394**.

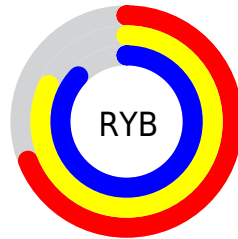
Distribution



Red (69%)

Green (87%)

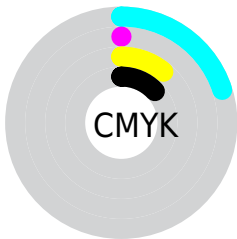
Blue (77%)



Red (69%)

Yellow (82%)

Blue (87%)

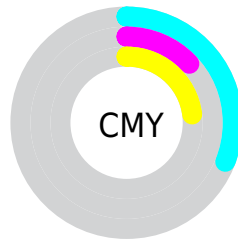


Cyan (20%)

Magenta (0%)

Yellow (11%)

Black (13%)



Cyan (31%)


Magenta (13%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9517, 65.0455, 61.9360 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 53.9517, 65.0455, 61.9360 by changing the saturation by 10% instead.


 53.9517, 65.0455,
61.9360

 53.9517, 65.0455,
61.9360


392.1272,
442.9555, 449.6988

 38.7936, 47.4980,
44.5455


 95.1606, 112.1153,
109.2037

 26.7792, 33.4295,
30.7593


121.9421,
142.4063, 139.9181

 17.5432, 22.4557,
20.1587


153.3288,
177.7140, 175.9108

 10.7202, 14.1921,
12.3252

189.6860,
218.4226, 217.6004

 5.9449, 8.2544,
6.8404

231.3791,
264.9167, 265.4055

 2.8520, 4.2582,
3.2855

278.7734,

 1.0760, 1.8190,

317.5806, 319.7445

1.2422

332.2343,
376.7988, 381.0361

■ 0.0049, 0.4990,
0.0137

■ 0.0000, 0.0000,
0.0000

■ 53.9517, 65.0455,
61.9360

■ 53.9517, 65.0455,
61.9360

■ 47.9498, 62.1115,
54.5039

■ 60.8921, 68.4531,
70.0394

■ 42.8389, 59.6216,
47.7215

■ 68.8049, 72.3460,
78.8262

■ 38.5754, 57.5554,
41.5724

■ 77.7291, 76.7458,
88.3138

■ 35.1097, 55.8876,
36.0376

■ 83.7679, 79.6434,
98.3337

■ 32.3866, 54.5903,
31.0976

■ 85.1477, 80.1953,
105.5992

■ 30.3437, 53.6317,
26.7312

■ 28.9071, 52.9741,
22.9161

■ 27.9503, 52.5527,
19.6261

■ 27.9427, 52.5493,
19.5989

Harmonies

Analogous

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



56.4780, 65.0455, 52.7856



53.9517, 65.0455, 61.9360



53.4795, 65.0455, 74.6346

Triad

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



53.9517, 65.0455, 61.9360



63.1406, 65.0455, 98.9569



69.0100, 65.0455, 56.1919

Complementary

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



53.9517, 65.0455, 61.9360



56.2039, 51.0823, 62.7776

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.



70.9938, 65.0455, 67.1444



53.9517, 65.0455, 61.9360



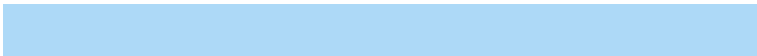
67.4967, 65.0455, 92.5633

Square

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



53.9517, 65.0455, 61.9360



58.6372, 65.0455, 97.1123



70.4266, 65.0455, 80.5229



65.1238, 65.0455, 49.7667

Rectangle

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



53.9517, 65.0455, 61.9360



54.3695, 65.0455, 83.6149



70.4266, 65.0455, 80.5229



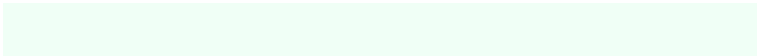
69.9301, 65.0455, 59.4081

Sweetspot

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



53.9535, 65.0482, 61.9374



88.2750, 96.6655, 101.4412



58.3325, 67.5399, 51.5579



18.7431, 20.6159, 21.5433



0.0000, 0.0000, 0.0000



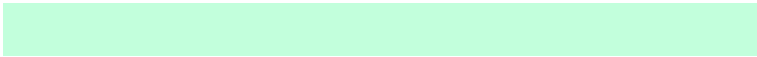
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9535, 65.0482, 61.9374



70.9050, 88.1422, 81.1429



56.5579, 66.0900, 75.6519



13.1188, 14.6991, 15.0884



16.2860, 30.5470, 11.6715



1.0978, 1.9961, 0.9808

Inverse Universe

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



56.2039, 51.0823, 62.7776



74.5708, 65.3880, 82.5085



53.8492, 50.1404, 50.3779



13.3645, 13.1749, 15.1804



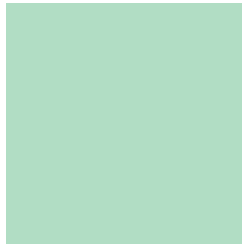
19.5518, 9.8218, 12.5517



1.3096, 0.6535, 1.0391

Previews

White Background



This preview shows how the XYZ color 53.9517, 65.0455, 61.9360 looks on a white background.

Color Contrast Check

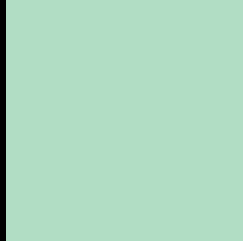
Large Text (above 18pt) WCAG AA × Fail

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 53.9517, 65.0455, 61.9360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

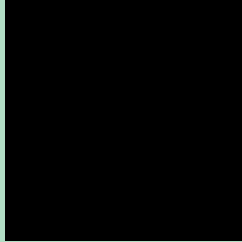
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9517, 65.0455, 61.9360

Background



This preview shows how black text looks on a background with the XYZ color 53.9517, 65.0455, 61.9360.



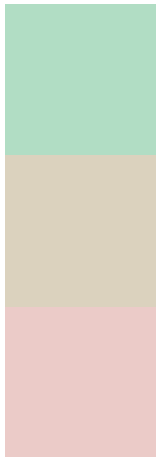
This preview shows how white text looks on a background with the XYZ color 53.9517, 65.0455,

61.9360.

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

53.9517, 65.0455, 61.9360

Protanopia

61.5543, 64.8710, 57.9923

Deuteranopia

66.0422, 64.5442, 63.6211



Tritanopia

59.0310, 65.1853, 86.5615

Trichromacy



Original Color

53.9517, 65.0455, 61.9360

Protanomaly

58.4628, 64.7363, 59.2832

Deuteranomaly

61.0870, 64.5128, 63.2654

Tritanomaly

57.0457, 65.1339, 77.2756

Monochromacy



Original Color

53.9517, 65.0455, 61.9360

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.4606, 62.4549, 64.9563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9517, 65.0455, 61.9360 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, 221, 196)` looks like.

```
.text, #text, p{  
    color:rgb(177, 221, 196)  
}
```

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, 221, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 221, 196) }
```

Border

The CSS property to change the border of an element to XYZ 53.9517, 65.0455, 61.9360 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, 221, 196) }
```


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

```
.border{ border-color:rgb(177, 221, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 221, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 221, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 221, 196); box-shadow:4px 4px 4px 4px rgb(177, 221, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9517, 65.0455, 61.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 221, 196) }
```

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

```
.background{ background-color: rgb(177,  
221, 196) }
```

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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