

Converting Colors

XYZ(43.5076, 49.3224, 61.2518)

Have a look what the booklet for
XYZ(43.5076, 49.3224, 61.2518)
contains.

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Color

**XYZ(43.4565, 49.1937,
61.2378)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC0C7
RGB	159, 192, 199
RGB Percent	62%, 75%, 78%
CMY	0.3765, 0.2470, 0.2196
CMYK	0.20, 0.04, 0.00, 0.22
HSL	190°, 26%, 70%
HSV	190°, 20%, 78%
XYZ	43.4565, 49.1937, 61.2378
YIQ	182.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

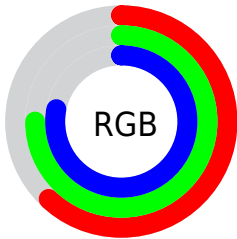
Format	Color
RYB	159, 177, 199
Decimal	10469575
CIELab	75.57, -9.52, -7.21
CIELCh	76, 11.936, 217.138
Yxy	49.1937, 0.2824, 0.3197
Android (android.graphics.Color)	4288659655 (0xFF9FC0C7)
YUV	182.9310, 7.9220, -20.9875
Hunter-Lab	70.1382, -12.1462, -2.6694

Details

The XYZ color **43.4565, 49.1937, 61.2378** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4479, 41.9179, 38.6028**, and the grayscale version is **44.9396, 47.2800, 51.4879**.

A 20% lighter version of the original color is **79.3490, 88.6509, 107.5369**, and **20.4069, 23.6354, 30.2746** is the 20% darker color. If you saturate the color by 10%, you get **39.0685, 45.8115, 60.8170**, and if you desaturate by 10%, it is **48.5008, 52.9437, 61.6966**.

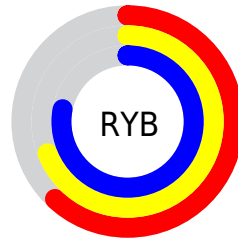
Distribution



Red (62%)

Green (75%)

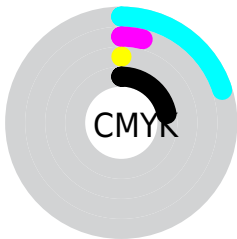
Blue (78%)



Red (62%)

Yellow (69%)

Blue (78%)

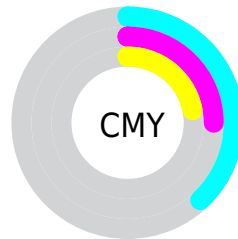


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4565, 49.1937, 61.2378 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 43.4565, 49.1937, 61.2378 by changing the saturation by 10% instead.

■ 43.4565, 49.1937,
61.2378

■ 43.4565, 49.1937,
61.2378

351.3755,
383.5044, 447.0760

■ 30.4395, 34.7732,
43.9853

■ 79.6507, 88.9791,
108.1841

■ 20.3222, 23.4882,
30.3218

■ 103.5587,
115.1127, 138.7149

■ 12.7391, 14.9544,
19.8289

131.8276,
145.9195, 174.5089

■ 7.3249, 8.7874,
12.0879

164.8230,
181.7838, 215.9847

■ 3.7142, 4.6028,
6.6803

202.9101,
223.0900, 263.5608

■ 1.5418, 2.0161,
3.1876

246.4544,

■ 0.3540, 0.6168,

270.2226, 317.6557

1.1912

295.8210,
323.5659, 378.6879

■ 0.0000, 0.0000,
0.0000

■ 43.4565, 49.1937,
61.2378

■ 43.4565, 49.1937,
61.2378

■ 39.0685, 45.8115,
60.8170

■ 48.5008, 52.9437,
61.6966

■ 35.3020, 42.7750,
60.4295

■ 54.2255, 57.0701,
62.1913

■ 32.1255, 40.0692,
60.0746

■ 60.6587, 61.5891,
62.7245

■ 29.5030, 37.6752,
59.7507

■ 67.8258, 66.5138,
63.2973

■ 27.3942, 35.5722,
59.4560

■ 74.4503, 71.1862,
63.8500

■ 25.7534, 33.7364,
59.1881

■ 75.3160, 72.9177,
64.1386

■ 24.5267, 32.1397,
58.9446

■ 76.2006, 74.6868,
64.4335

■ 23.6181, 30.7419,
58.7226

■ 77.1040, 76.4937,
64.7346

■ 78.0265, 78.3386,
65.0421

Harmonies

Analogous

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



42.6732, 49.1937, 55.0874



43.4565, 49.1937, 61.2378



45.1284, 49.1937, 65.5554

Triad

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



43.4565, 49.1937, 61.2378



50.7757, 49.1937, 58.4233



46.2320, 49.1937, 42.3911

Complementary

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



43.4565, 49.1937, 61.2378



43.4479, 41.9179, 38.6028

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.



48.4246, 49.1937, 43.1313



43.4565, 49.1937, 61.2378



51.0936, 49.1937, 52.0681

Square

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



43.4565, 49.1937, 61.2378



49.3651, 49.1937, 63.8433



50.2208, 49.1937, 46.5589



44.2427, 49.1937, 44.4511

Rectangle

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



43.4565, 49.1937, 61.2378



46.5457, 49.1937, 66.6358



50.2208, 49.1937, 46.5589



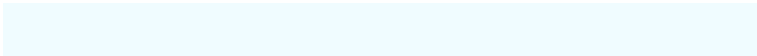
46.9692, 49.1937, 42.3235

Sweetspot

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



43.4579, 49.1957, 61.2389



88.7955, 95.5169, 108.3643



41.5748, 50.9596, 43.5622



18.8660, 20.3433, 23.1823



0.0000, 0.0000, 0.0000



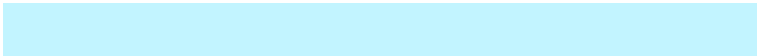
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4579, 49.1957, 61.2389



72.6860, 83.5411, 106.9018



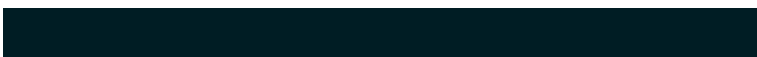
39.4239, 41.1275, 59.8942



10.7828, 11.7396, 13.6152



15.2440, 19.8819, 37.7785



0.7645, 1.0267, 1.8030

Inverse Universe

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



45.4669, 40.7452, 55.3397



76.8611, 66.3041, 94.5689



47.3008, 49.6238, 39.8872



11.0004, 10.7835, 12.9853



19.4938, 9.5471, 23.6079



0.9446, 0.4607, 1.2312

Previews

White Background



This preview shows how the XYZ color 43.4565, 49.1937, 61.2378 looks on a white background.

Color Contrast Check

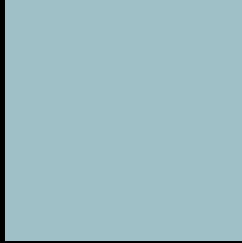
Large Text (above 18pt) WCAG AA × Fail

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 43.4565, 49.1937, 61.2378 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 43.4565, 49.1937, 61.2378

Background



This preview shows how black text looks on a background with the XYZ color 43.4565, 49.1937, 61.2378.



This preview shows how white text looks on a background with the XYZ color 43.4565, 49.1937,

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

43.4565, 49.1937, 61.2378

Protanopia

47.4490, 49.0772, 58.6018

Deuteranopia

50.0924, 49.1351, 62.1022



Tritanopia

44.2686, 49.1914, 65.5542

Trichromacy



Original Color

43.4565, 49.1937, 61.2378

Protanomaly

45.8515, 49.1821, 59.3010

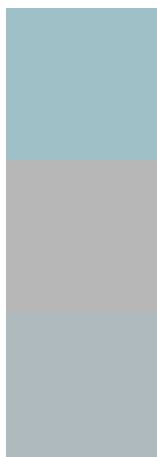
Deuteranomaly

47.3027, 48.9353, 61.5959

Tritanomaly

43.9075, 49.0470, 63.6528

Monochromacy



Original Color

43.4565, 49.1937, 61.2378

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.1998, 47.7906, 55.0390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4565, 49.1937, 61.2378 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(159, 192, 199)` looks like.

```
.text, #text, p{  
    color:rgb(159, 192, 199)  
}
```

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(159, 192, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 192, 199) }
```

Border

The CSS property to change the border of an element to XYZ 43.4565, 49.1937, 61.2378 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(159, 192, 199) }
```


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

```
.border{ border-color:rgb(159, 192, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 192, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 192, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 192, 199);  
box-shadow:4px 4px 4px 4px rgb(159, 192,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4565, 49.1937, 61.2378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 192, 199) }
```

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

```
.background{ background-color: rgb(159,  
192, 199) }
```

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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