

Converting Colors

XYZ(49.6024, 53.8571, 63.3174)

Have a look what the booklet for
XYZ(49.6024, 53.8571, 63.3174)
contains.

XYZ(49.5649, 53.9733, 63.0639)	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(49.5649, 53.9733,
63.0639)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C5C9
RGB	181, 197, 201
RGB Percent	71%, 77%, 79%
CMY	0.2902, 0.2274, 0.2118
CMYK	0.10, 0.02, 0.00, 0.21
HSL	192°, 16%, 75%
HSV	192°, 10%, 79%
XYZ	49.5649, 53.9733, 63.0639
YIQ	192.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

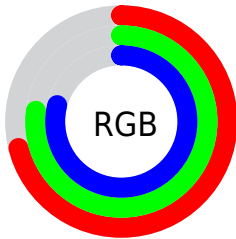
Format	Color
R _Y B	181, 190, 201
Decimal	11912649
CIE Lab	78.45, -4.64, -3.88
CIE LCh	78, 6.047, 219.852
Yxy	53.9733, 0.2975, 0.3240
Android (android.graphics.Color)	4290102729 (0xFFB5C5C9)
YUV	192.6720, 4.1057, -10.2363
Hunter-Lab	73.4665, -8.1397, 0.5318

Details

The XYZ color **49.5649, 53.9733, 63.0639** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7771, 50.4513, 50.8314**, and the grayscale version is **50.4785, 53.1073, 57.8339**.

A 20% lighter version of the original color is **88.4169, 96.1081, 108.4984**, and **23.9910, 26.3407, 31.4236** is the 20% darker color. If you saturate the color by 10%, you get **44.2880, 49.9183, 62.5602**, and if you desaturate by 10%, it is **55.5492, 58.4320, 63.6100**.

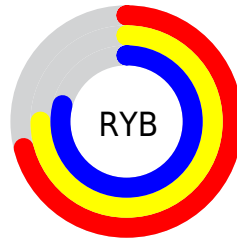
Distribution



Red (71%)

Green (77%)

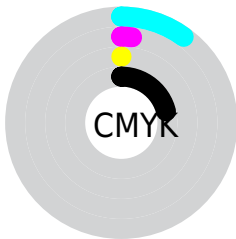
Blue (79%)



Red (71%)

Yellow (75%)

Blue (79%)

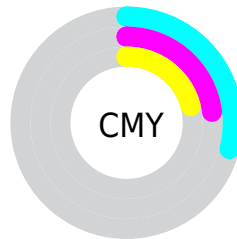


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (21%)



Cyan (29%)

Magenta (23%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5649, 53.9733, 63.0639 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 49.5649, 53.9733, 63.0639 by changing the saturation by 10% instead.

■ 49.5649, 53.9733,
63.0639

■ 49.5649, 53.9733,
63.0639

375.4422,
402.0082, 453.9157

■ 35.2842, 38.5803,
45.4516

■ 88.7256, 96.0350,
110.8482

■ 24.0494, 26.4334,
31.4677

114.3362,
123.4726, 141.8572

■ 15.4952, 17.1481,
20.6938

144.4542,
155.6938, 178.1688

■ 9.2562, 10.3402,
12.7113

179.4450,
193.0830, 220.2017

■ 4.9671, 5.6251,
7.1017

219.6738,
236.0247, 268.3742

■ 2.2626, 2.6185,
3.4464

265.5060,

■ 0.7754, 0.9360,

284.9032, 323.1051

1.3268

317.3070,
340.1029, 384.8127

■ 0.0000, 0.0000,
0.0836

■ 0.0000, 0.0000,
0.0000

■ 49.5649, 53.9733,
63.0639

■ 49.5649, 53.9733,
63.0639

■ 44.2880, 49.9183,
62.5602

■ 55.5492, 58.4320,
63.6100

■ 39.6847, 46.2449,
62.0937

■ 62.2636, 63.3020,
64.1961

■ 35.7253, 42.9389,
61.6643

■ 69.7357, 68.5993,
64.8247

■ 32.3759, 39.9827,
61.2702

■ 75.5953, 73.1021,
65.3850

■ 29.5997, 37.3568,
60.9097

■ 76.6187, 75.1490,
65.7262

■ 27.3554, 35.0399,
60.5808

■ 77.6674, 77.2464,
66.0757

■ 25.5962, 33.0075,
60.2812

■ 78.7414, 79.3945,
66.4337

■ 24.2667, 31.2306,
60.0083

■ 79.8411, 81.5937,
66.8003

■ 23.2629, 29.6555,
59.7572

■ 80.9664, 83.8443,
67.1754

Harmonies

Analogous

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



49.0804, 53.9733, 59.8952



49.5649, 53.9733, 63.0639



50.5166, 53.9733, 65.1311

Triad

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



49.5649, 53.9733, 63.0639



53.4763, 53.9733, 61.0519



50.9098, 53.9733, 52.5502

Complementary

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



49.5649, 53.9733, 63.0639



49.7771, 50.4513, 50.8314

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.



52.0915, 53.9733, 52.8330



49.5649, 53.9733, 63.0639



53.5855, 53.9733, 57.6546

Square

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



49.5649, 53.9733, 63.0639



52.7789, 53.9733, 63.9387



53.0751, 53.9733, 54.6713



49.8489, 53.9733, 53.8834

Rectangle

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



49.5649, 53.9733, 63.0639



51.2941, 53.9733, 65.5611



53.0751, 53.9733, 54.6713



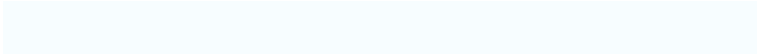
51.3059, 53.9733, 52.4607

Sweetspot

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



49.5665, 53.9756, 63.0651



91.8055, 97.6063, 108.6090



48.6654, 55.0867, 53.7834



19.4687, 20.7572, 23.2304



0.0000, 0.0000, 0.0000



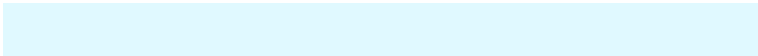
20.3446, 21.4041, 23.3091

Same Dimension

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



49.5665, 53.9756, 63.0651



82.7546, 90.8113, 107.7744



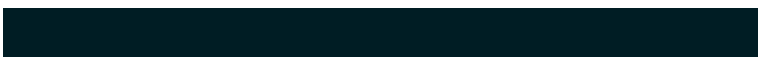
47.4407, 49.7240, 62.3565



10.7597, 11.6935, 13.6075



14.6894, 18.7727, 37.5936



0.7427, 0.9831, 1.7958

Inverse Universe

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



50.6905, 49.4975, 59.7083



85.0842, 81.6189, 100.7978



51.8692, 54.6356, 51.5288



10.9887, 10.7789, 12.9240



19.2138, 9.4351, 22.1338



0.9336, 0.4563, 1.1733

Previews

White Background



This preview shows how the XYZ color 49.5649, 53.9733, 63.0639 looks on a white background.

Color Contrast Check

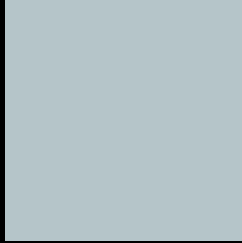
Large Text (above 18pt) WCAG AA × Fail

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 49.5649, 53.9733, 63.0639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

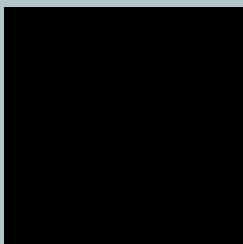
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

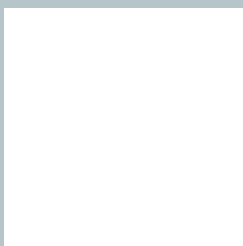
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.5649, 53.9733, 63.0639

Background



This preview shows how black text looks on a background with the XYZ color 49.5649, 53.9733, 63.0639.



This preview shows how white text looks on a background with the XYZ color 49.5649, 53.9733,

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

49.5649, 53.9733, 63.0639

Protanopia

52.1437, 53.9992, 61.7075

Deuteranopia

55.0572, 53.8335, 63.9890



Tritanopia

50.8014, 53.8006, 69.3351

Trichromacy



Original Color

49.5649, 53.9733, 63.0639

Protanomaly

51.2030, 53.8301, 62.3351

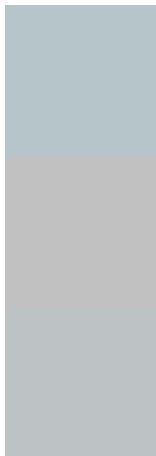
Deuteranomaly

52.8447, 53.6680, 63.4509

Tritanomaly

50.2938, 53.9299, 66.7902

Monochromacy



Original Color

49.5649, 53.9733, 63.0639

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.2419, 53.3879, 59.8814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5649, 53.9733, 63.0639 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(181, 197, 201)` looks like.

```
.text, #text, p{  
    color:rgb(181, 197, 201)  
}
```

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(181, 197, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 197, 201) }
```

Border

The CSS property to change the border of an element to XYZ 49.5649, 53.9733, 63.0639 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(181, 197, 201) }
```


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

```
.border{ border-color:rgb(181, 197, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 197, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 197, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 197, 201);  
box-shadow:4px 4px 4px 4px rgb(181, 197,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5649, 53.9733, 63.0639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 197, 201) }
```

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

```
.background{ background-color: rgb(181,  
197, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor