

Converting Colors

XYZ(49.6268, 51.2419, 52.3766)

Have a look what the booklet for
XYZ(49.6268, 51.2419, 52.3766)
contains.

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Color

**XYZ(49.6609, 51.2974,
52.6314)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BCB8
RGB	197, 188, 184
RGB Percent	77%, 74%, 72%
CMY	0.2274, 0.2627, 0.2784
CMYK	0.00, 0.05, 0.07, 0.23
HSL	18°, 10%, 75%
HSV	18°, 7%, 77%
XYZ	49.6609, 51.2974, 52.6314
YIQ	190.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

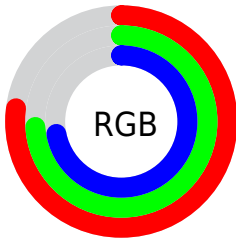
Format	Color
RYB	197, 190, 184
Decimal	12958904
CIELab	76.86, 2.46, 3.14
CIELCh	77, 3.989, 51.936
Yxy	51.2974, 0.3233, 0.3340
Android (android.graphics.Color)	4291148984 (0xFFC5BCB8)
YUV	190.2350, -3.0739, 5.9329
Hunter-Lab	71.6222, -1.5718, 6.5664

Details

The XYZ color **49.6609, 51.2974, 52.6314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9152, 52.3608, 60.3525**, and the grayscale version is **49.0946, 51.6513, 56.2483**.

A 20% lighter version of the original color is **88.9519, 92.0635, 95.5198**, and **24.0884, 24.8063, 24.9912** is the 20% darker color. If you saturate the color by 10%, you get **44.9622, 44.9774, 41.5765**, and if you desaturate by 10%, it is **54.9253, 58.2872, 65.2949**.

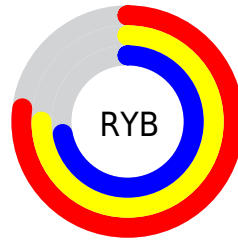
Distribution



Red (77%)

Green (74%)

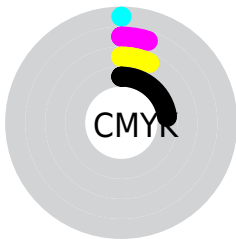
Blue (72%)



Red (77%)

Yellow (75%)

Blue (72%)

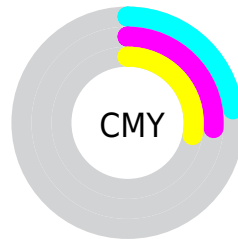


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.6609, 51.2974, 52.6314 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 49.6609, 51.2974, 52.6314 by changing the saturation by 10% instead.

■ 49.6609, 51.2974,
52.6314

■ 49.6609, 51.2974,
52.6314

375.8123,
391.7181, 413.8955

■ 35.3607, 36.4453,
37.1229

■ 88.8671, 92.0942,
95.4978

■ 24.1087, 24.7783,
25.0061

114.5038,
118.8078, 123.6928

■ 15.5394, 15.9120,
15.8626

144.6501,
150.2440, 156.9536

■ 9.2876, 9.4619,
9.2736

179.6713,
186.7872, 195.6990

■ 4.9879, 5.0437,
4.8209

219.9327,
228.8218, 240.3473

■ 2.2748, 2.2729,
2.0856

265.7998,

■ 0.7817, 0.7593,

276.7323, 291.3171

0.6072

317.6379,
330.9029, 349.0270

■ 0.0000, 0.0000,
0.0000

■ 49.6609, 51.2974,
52.6314

■ 49.6609, 51.2974,
52.6314

■ 44.9622, 44.9774,
41.5765

■ 54.9253, 58.2872,
65.2949

■ 40.8054, 39.3007,
32.0622

■ 60.7694, 65.9592,
79.6248

■ 37.1715, 34.2485,
24.0204

■ 67.2123, 74.3338,
95.6800

■ 34.0385, 29.7988,
17.3765

■ 72.9889, 82.9158,
106.7652

■ 31.3828, 25.9282,
12.0496

■ 76.8362, 90.6105,
108.0476

■ 29.1788, 22.6116,
7.9501

■ 27.3981, 19.8220,
4.9772

■ 26.0086, 17.5297,
3.0137

■ 24.9707, 15.7007,
1.9068

Harmonies

Analogous

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



50.1213, 51.2974, 54.3091



49.6609, 51.2974, 52.6314



48.9614, 51.2974, 51.8219

Triad

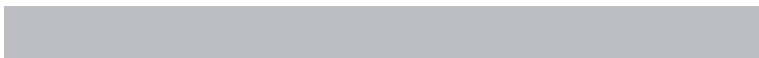
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.6609, 51.2974, 52.6314



47.3276, 51.2974, 55.2705



49.3032, 51.2974, 59.8168

Complementary

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



49.6609, 51.2974, 52.6314



48.9152, 52.3608, 60.3525

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.



48.5524, 51.2974, 60.0903



49.6609, 51.2974, 52.6314



47.4170, 51.2974, 57.4282

Square

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



49.6609, 51.2974, 52.6314



47.6180, 51.2974, 53.3196



47.8634, 51.2974, 59.2058



49.9133, 51.2974, 58.4678

Rectangle

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



49.6609, 51.2974, 52.6314



48.4558, 51.2974, 51.8685



47.8634, 51.2974, 59.2058



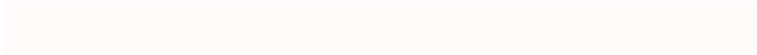
49.0587, 51.2974, 60.0389

Sweetspot

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



49.6623, 51.2996, 52.6325



93.1240, 97.4446, 104.2608



49.8040, 50.0068, 57.5386



19.9526, 20.8840, 22.3647



0.0000, 0.0000, 0.0000



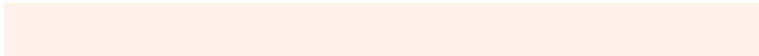
20.3446, 21.4041, 23.3091

Same Dimension

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



49.6623, 51.2996, 52.6325



87.5981, 90.0759, 91.0641



51.0593, 54.0936, 53.0982



10.8959, 11.1608, 11.1427



16.2969, 10.1109, 1.0927



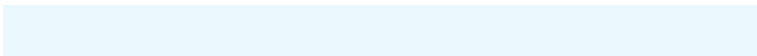
0.8367, 0.6089, 0.0734

Inverse Universe

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



48.9152, 52.3608, 60.3525



85.9676, 92.3912, 107.9101



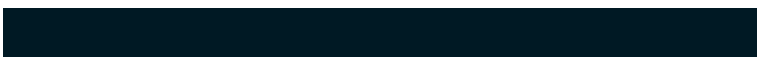
47.5315, 49.5935, 59.8913



10.6605, 11.4950, 13.5744



12.5275, 14.4490, 36.8730



0.6553, 0.8083, 1.7666

Previews

White Background



This preview shows how the XYZ color 49.6609, 51.2974, 52.6314 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 49.6609, 51.2974, 52.6314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

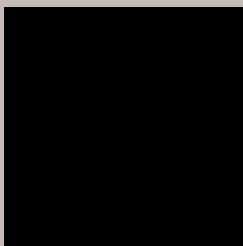
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

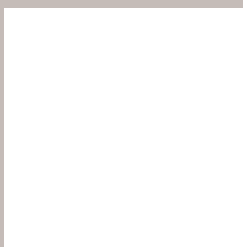
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.6609, 51.2974, 52.6314

Background



This preview shows how black text looks on a background with the XYZ color 49.6609, 51.2974, 52.6314.



This preview shows how white text looks on a background with the XYZ color 49.6609, 51.2974,

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

49.6609, 51.2974, 52.6314

Protanopia

49.0975, 51.3252, 52.6664

Deuteranopia

52.2688, 51.0714, 53.0018



Tritanopia

51.5374, 51.4301, 61.8543

Trichromacy



Original Color

49.6609, 51.2974, 52.6314

Protanomaly

49.3550, 51.4580, 52.6785

Deuteranomaly

51.2828, 51.1798, 53.0747

Tritanomaly

50.7966, 51.4415, 58.2909

Monochromacy



Original Color

49.6609, 51.2974, 52.6314

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.2670, 51.3635, 54.8944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6609, 51.2974, 52.6314 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(197, 188, 184)` looks like.

```
.text, #text, p{  
    color:rgb(197, 188, 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(197, 188, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 188, 184) }
```

Border

The CSS property to change the border of an element to XYZ 49.6609, 51.2974, 52.6314 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(197, 188, 184) }
```


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

```
.border{ border-color:rgb(197, 188, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 188, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 188, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 188, 184);  
box-shadow:4px 4px 4px 4px rgb(197, 188,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6609, 51.2974, 52.6314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 188, 184) }
```

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

```
.background{ background-color: rgb(197,  
188, 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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