

Converting Colors

XYZ(50.2424, 49.9976, 62.8435)

Have a look what the booklet for
XYZ(50.2424, 49.9976, 62.8435)
contains.

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Color

**XYZ(50.3068, 50.1473,
62.9051)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B8CA
RGB	195, 184, 202
RGB Percent	76%, 72%, 79%
CMY	0.2353, 0.2784, 0.2078
CMYK	0.03, 0.09, 0.00, 0.21
HSL	277°, 15%, 76%
HSV	277°, 9%, 79%
XYZ	50.3068, 50.1473, 62.9051
YIQ	189.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

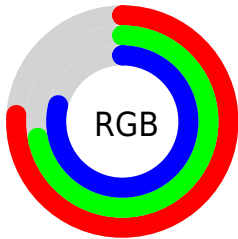
Format	Color
R _Y B	195, 184, 202
Decimal	12826826
CIE Lab	76.16, 7.21, -7.68
CIE LCh	76, 10.533, 313.208
Yxy	50.1473, 0.3080, 0.3070
Android (android.graphics.Color)	4291016906 (0xFFC3B8CA)
YUV	189.3410, 6.2409, 4.9629
Hunter-Lab	70.8148, 2.8806, -3.0973

Details

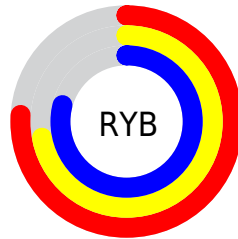
The XYZ color **50.3068, 50.1473, 62.9051** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2600, 56.7795, 53.6077**, and the grayscale version is **48.5312, 51.0586, 55.6029**.

A 20% lighter version of the original color is **89.3550, 90.2356, 107.3154**, and **24.4461, 24.0334, 31.3674** is the 20% darker color. If you saturate the color by 10%, you get **44.4302, 41.3283, 61.5133**, and if you desaturate by 10%, it is **56.8924, 60.2240, 64.5038**.

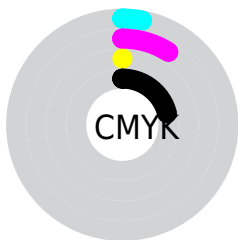
Distribution



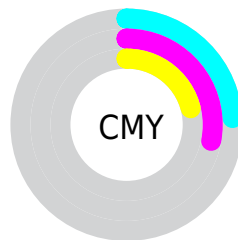
- Red (76%)
- Green (72%)
- Blue (79%)



- Red (76%)
- Yellow (72%)
- Blue (79%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3068, 50.1473, 62.9051 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 50.3068, 50.1473, 62.9051 by changing the saturation by 10% instead.

■ 50.3068, 50.1473,
62.9051

■ 50.3068, 50.1473,
62.9051

378.2967,
387.2417, 453.3235

■ 35.8760, 35.5305,
45.3239

■ 89.8184, 90.3931,
110.6168

■ 24.5081, 24.0718,
31.3678

115.6299,
116.7908, 141.5845

■ 15.8378, 15.3869,
20.6183

145.9657,
147.8843, 177.8514

■ 9.4995, 9.0914,
12.6568

181.1912,
184.0579, 219.8361

■ 5.1281, 4.8008,
7.0647

221.6717,
225.6961, 267.9571

■ 2.3582, 2.1309,
3.4235

267.7725,

■ 0.8242, 0.6819,

273.1831, 322.6330

1.3147

319.8591,
326.9036, 384.2822

■ 0.0000, 0.0000,
0.0738

■ 0.0000, 0.0000,
0.0000

■ 50.3068, 50.1473,
62.9051

■ 50.3068, 50.1473,
62.9051

■ 44.4302, 41.3283,
61.5133

■ 56.8924, 60.2240,
64.5038

■ 39.2312, 33.7092,
60.3167

■ 64.2078, 71.6003,
66.3140

■ 34.6826, 27.2371,
59.3072

■ 72.2786, 84.3241,
68.3446

■ 30.7534, 21.8527,
58.4750

■ 77.9195, 92.0225,
69.5332

■ 27.4099, 17.4911,
57.8094

■ 80.4464, 93.3252,
69.6515

■ 24.6149, 14.0805,
57.2984

■ 83.0878, 94.6868,
69.7751

■ 22.3261, 11.5391,
56.9285

■ 85.8450, 96.1083,
69.9041

■ 20.4941, 9.7710,
56.6838

■ 87.6608, 97.0443,
69.9891

■ 19.0388, 8.6188,
56.5381

Harmonies

Analogous

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



48.5351, 50.1473, 65.8703



50.3068, 50.1473, 62.9051



51.3863, 50.1473, 57.7994

Triad

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



50.3068, 50.1473, 62.9051



48.7673, 50.1473, 44.8520



44.0667, 50.1473, 57.1207

Complementary

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



50.3068, 50.1473, 62.9051



51.2600, 56.7795, 53.6077

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.



44.1250, 50.1473, 51.5245



50.3068, 50.1473, 62.9051



46.8024, 50.1473, 44.6980

Square

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



50.3068, 50.1473, 62.9051



50.4808, 50.1473, 47.4998



45.1145, 50.1473, 47.0635



44.9530, 50.1473, 62.3788

Rectangle

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



50.3068, 50.1473, 62.9051



51.5502, 50.1473, 53.9965



45.1145, 50.1473, 47.0635



43.9772, 50.1473, 55.2118

Sweetspot

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



50.3083, 50.1494, 62.9062



91.5717, 94.6558, 108.0518



49.1042, 51.8055, 63.2893



19.4052, 19.9618, 23.0802



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.



50.3083, 50.1494, 62.9062



82.8448, 81.3800, 105.9493



51.9478, 51.0191, 61.8769



11.2486, 11.1775, 14.1350



12.2584, 5.5270, 36.3770



0.7158, 0.3281, 1.8806

Inverse Universe

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



50.9033, 50.6013, 56.3769



84.1075, 82.3356, 92.2406



49.7312, 55.9694, 54.5273



11.3900, 11.2847, 12.5881



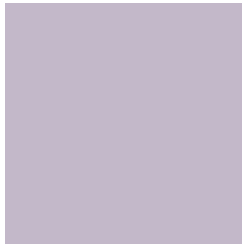
16.6123, 8.4555, 5.6773



0.8939, 0.4510, 0.4873

Previews

White Background



This preview shows how the XYZ color 50.3068, 50.1473, 62.9051 looks on a white background.

Color Contrast Check

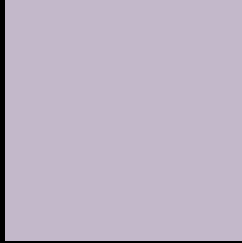
Large Text (above 18pt) WCAG AA × Fail

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 50.3068, 50.1473, 62.9051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

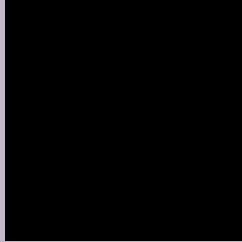
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3068, 50.1473, 62.9051

Background



This preview shows how black text looks on a background with the XYZ color 50.3068, 50.1473, 62.9051.



This preview shows how white text looks on a background with the XYZ color 50.3068, 50.1473,

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

50.3068, 50.1473, 62.9051

Protanopia

49.1629, 50.4651, 64.2763

Deuteranopia

50.9418, 49.8623, 62.8166



Tritanopia

49.9550, 50.0066, 61.0522

Trichromacy



Original Color

50.3068, 50.1473, 62.9051

Protanomaly

49.5736, 50.3768, 63.6108

Deuteranomaly

50.8829, 50.1370, 62.8727

Tritanomaly

50.0715, 50.0532, 61.6658

Monochromacy



Original Color

50.3068, 50.1473, 62.9051

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.9938, 50.5121, 58.2065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3068, 50.1473, 62.9051 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(195, 184, 202)` looks like.

```
.text, #text, p{  
    color:rgb(195, 184, 202)  
}
```

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(195, 184, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 184, 202) }
```

Border

The CSS property to change the border of an element to XYZ 50.3068, 50.1473, 62.9051 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(195, 184, 202) }
```


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

```
.border{ border-color:rgb(195, 184, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 184, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 184, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 184, 202);  
box-shadow:4px 4px 4px 4px rgb(195, 184,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3068, 50.1473, 62.9051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 184, 202) }
```

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

```
.background{ background-color: rgb(195,  
184, 202) }
```

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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