

Converting Colors

XYZ(51.7010, 52.5107, 62.3046)

Have a look what the booklet for
XYZ(51.7010, 52.5107, 62.3046)
contains.

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Color

**XYZ(51.6489, 52.4356,
62.0425)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BDC8
RGB	197, 189, 200
RGB Percent	77%, 74%, 78%
CMY	0.2274, 0.2588, 0.2157
CMYK	0.01, 0.05, 0.00, 0.22
HSL	284°, 9%, 76%
HSV	284°, 5%, 78%
XYZ	51.6489, 52.4356, 62.0425
YIQ	192.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

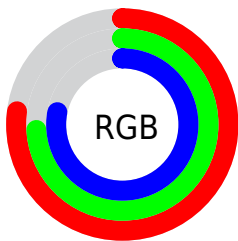
Format	Color
R _Y B	197, 189, 200
Decimal	12959176
CIE Lab	77.54, 4.82, -4.53
CIE LCh	78, 6.619, 316.792
Yxy	52.4356, 0.3109, 0.3156
Android (android.graphics.Color)	4291149256 (0xFFC5BDC8)
YUV	192.6460, 3.6255, 3.8185
Hunter-Lab	72.4124, 0.5952, -0.1106

Details

The XYZ color **51.6489, 52.4356, 62.0425** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5797, 56.1905, 56.2740**, and the grayscale version is **50.4610, 53.0889, 57.8138**.

A 20% lighter version of the original color is **91.5755, 93.5956, 107.8470**, and **25.3202, 25.5233, 30.7861** is the 20% darker color. If you saturate the color by 10%, you get **46.2377, 43.6950, 60.6414**, and if you desaturate by 10%, it is **57.7081, 62.3938, 63.6461**.

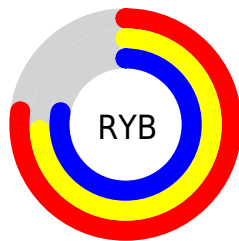
Distribution



Red (77%)

Green (74%)

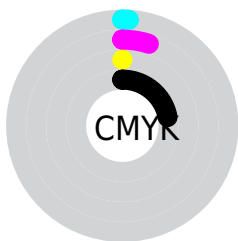
Blue (78%)



Red (77%)

Yellow (74%)

Blue (78%)

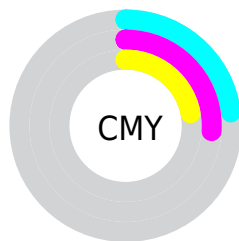


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (22%)



Cyan (23%)

Magenta (26%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6489, 52.4356, 62.0425 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 51.6489, 52.4356, 62.0425 by changing the saturation by 10% instead.

■ 51.6489, 52.4356,
62.0425

■ 51.6489, 52.4356,
62.0425

383.4259,
396.1160, 450.0980

■ 36.9484, 37.3524,
44.6310

■ 91.7905, 93.7733,
109.3591

■ 25.3411, 25.4805,
30.8261

117.9624,
120.7967, 140.1014

■ 16.4614, 16.4354,
20.2091

148.6888,
152.5688, 176.1243

■ 9.9442, 9.8328,
12.3615

184.3351,
189.4742, 217.8465

■ 5.4239, 5.2882,
6.8649

225.2665,
231.8972, 265.6864

■ 2.5354, 2.4173,
3.3006

271.8486,

■ 0.9131, 0.8348,

280.2223, 320.0626

1.2501

324.4466,
334.8337, 381.3936

■ 0.0000, 0.0000,
0.0204

■ 0.0000, 0.0000,
0.0000

■ 51.6489, 52.4356,
62.0425

■ 51.6489, 52.4356,
62.0425

■ 46.2377, 43.6950,
60.6414

■ 57.7081, 62.3938,
63.6461

■ 41.4452, 36.1168,
59.4312

■ 64.4341, 73.6087,
65.4563

■ 37.2467, 29.6514,
58.4046

■ 71.8503, 86.1259,
67.4814

■ 33.6139, 24.2430,
57.5521

■ 75.3461, 90.7231,
68.1845

■ 30.5159, 19.8308,
56.8638

■ 77.0129, 91.5823,
68.2625

■ 27.9189, 16.3479,
56.3284

■ 78.7339, 92.4695,
68.3431

■ 25.7847, 13.7188,
55.9334

■ 80.5098, 93.3850,
68.4262

■ 24.0690, 11.8561,
55.6643

■ 82.3409, 94.3290,
68.5119

■ 22.7179, 10.6522,
55.5031

■ 84.2277, 95.3017,
68.6002

Harmonies

Analogous

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



50.5509, 52.4356, 64.0908



51.6489, 52.4356, 62.0425



52.2663, 52.4356, 58.7147

Triad

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



51.6489, 52.4356, 62.0425



50.4014, 52.4356, 50.5199



47.5255, 52.4356, 59.1483

Complementary

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



51.6489, 52.4356, 62.0425



51.5797, 56.1905, 56.2740

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.



47.4870, 52.4356, 55.5024



51.6489, 52.4356, 62.0425



49.1328, 52.4356, 50.6249

Square

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



51.6489, 52.4356, 62.0425



51.5378, 52.4356, 52.1218



48.0708, 52.4356, 52.4149



48.1769, 52.4356, 62.3716

Rectangle

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



51.6489, 52.4356, 62.0425



52.3156, 52.4356, 56.2662



48.0708, 52.4356, 52.4149



47.4408, 52.4356, 57.9288

Sweetspot

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



51.6504, 52.4379, 62.0436



92.9346, 96.5262, 108.3410



50.2889, 52.7417, 62.1741



19.9140, 20.6970, 23.1953



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.



51.6504, 52.4379, 62.0436



87.8489, 88.2234, 107.0064



52.1674, 52.7363, 60.6254



11.0168, 11.0332, 13.4665



14.1929, 6.5510, 35.2608



0.7389, 0.3447, 1.6727

Inverse Universe

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



51.5332, 52.4826, 57.2857



87.5975, 88.3272, 96.4515



51.0886, 55.9072, 57.6124



10.9837, 11.0471, 12.0643



15.6097, 7.9934, 3.1545



0.7705, 0.3910, 0.3145

Previews

White Background



This preview shows how the XYZ color 51.6489, 52.4356, 62.0425 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 51.6489, 52.4356, 62.0425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

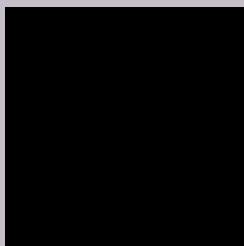
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

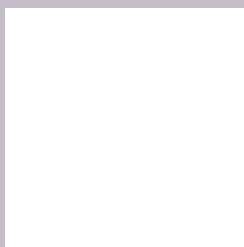
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6489, 52.4356, 62.0425

Background



This preview shows how black text looks on a background with the XYZ color 51.6489, 52.4356, 62.0425.

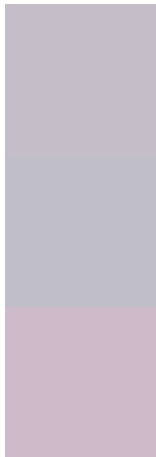


This preview shows how white text looks on a background with the XYZ color 51.6489, 52.4356,

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

51.6489, 52.4356, 62.0425

Protanopia

50.6943, 52.2504, 62.6718

Deuteranopia

53.5551, 52.4567, 62.5608



Tritanopia

52.0514, 52.2840, 63.8483

Trichromacy



Original Color

51.6489, 52.4356, 62.0425

Protanomaly

51.2042, 52.5133, 62.6957

Deuteranomaly

52.9415, 52.4542, 62.5927

Tritanomaly

51.9326, 52.2365, 63.2226

Monochromacy



Original Color

51.6489, 52.4356, 62.0425

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.0616, 53.1541, 59.7931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6489, 52.4356, 62.0425 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, 189, 200)` looks like.

```
.text, #text, p{  
    color:rgb(197, 189, 200)  
}
```

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, 189, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 189, 200) }
```

Border

The CSS property to change the border of an element to XYZ 51.6489, 52.4356, 62.0425 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, 189, 200) }
```


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

```
.border{ border-color:rgb(197, 189, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 189, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 189, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 189, 200);  
box-shadow:4px 4px 4px 4px rgb(197, 189,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6489, 52.4356, 62.0425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 189, 200) }
```

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

```
.background{ background-color: rgb(197,  
189, 200) }
```

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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