

Converting Colors

XYZ(50.4253, 51.4486, 62.8122)

Have a look what the booklet for
XYZ(50.4253, 51.4486, 62.8122)
contains.

XYZ(50.2641, 51.3900, 62.5284)	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(50.2641, 51.3900,
62.5284)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BCC9
RGB	192, 188, 201
RGB Percent	75%, 74%, 79%
CMY	0.2471, 0.2627, 0.2118
CMYK	0.04, 0.06, 0.00, 0.21
HSL	258°, 11%, 76%
HSV	258°, 6%, 79%
XYZ	50.2641, 51.3900, 62.5284
YIQ	190.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

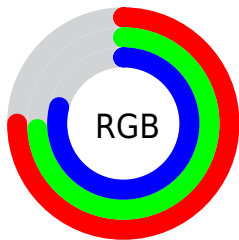
Format	Color
R _Y B	192, 188, 201
Decimal	12631241
CIE Lab	76.91, 3.84, -6.04
CIE LCh	77, 7.161, 302.453
Yxy	51.3900, 0.3061, 0.3130
Android (android.graphics.Color)	4290821321 (0xFFC0BCC9)
YUV	190.6780, 5.0887, 1.1594
Hunter-Lab	71.6868, -0.2944, -1.5346

Details

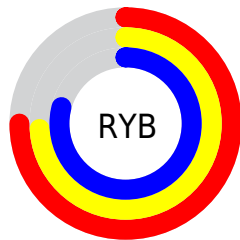
The XYZ color **50.2641, 51.3900, 62.5284** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9916, 57.2758, 55.8419**, and the grayscale version is **49.3083, 51.8762, 56.4932**.

A 20% lighter version of the original color is **89.1121, 91.8778, 107.6452**, and **24.5779, 24.9235, 31.1191** is the 20% darker color. If you saturate the color by 10%, you get **42.9069, 41.6619, 61.0392**, and if you desaturate by 10%, it is **58.5556, 62.4903, 64.2348**.

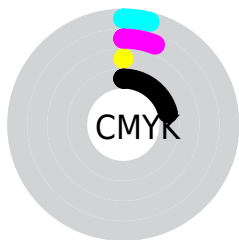
Distribution



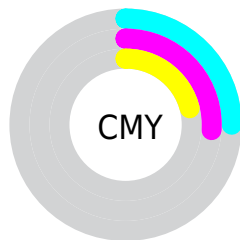
- Red (75%)
- Green (74%)
- Blue (79%)



- Red (75%)
- Yellow (74%)
- Blue (79%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (25%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2641, 51.3900, 62.5284 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 50.2641, 51.3900, 62.5284 by changing the saturation by 10% instead.

■ 50.2641, 51.3900,
62.5284

■ 50.2641, 51.3900,
62.5284

378.1328,
392.0771, 451.9167

■ 35.8419, 36.5191,
45.0212

■ 89.7555, 92.2310,
110.0678

■ 24.4817, 24.8354,
31.1311

115.5555,
118.9699, 140.9372

■ 15.8180, 15.9544,
20.4394

145.8789,
150.4335, 177.0978

■ 9.4855, 9.4919,
12.5276

181.0909,
187.0063, 218.9680

■ 5.1188, 5.0634,
6.9772

221.5569,
229.0727, 266.9664

■ 2.3526, 2.2845,
3.3696

267.6423,

■ 0.8214, 0.7655,

277.0170, 321.5117

1.2863

319.7125,
331.2237, 383.0222

■ 0.0000, 0.0000,
0.0505

■ 0.0000, 0.0000,
0.0000

■ 50.2641, 51.3900,
62.5284

■ 50.2641, 51.3900,
62.5284

■ 42.9069, 41.6619,
61.0392

■ 58.5556, 62.4903,
64.2348

■ 36.4458, 33.2456,
59.7553

■ 67.8090, 75.0072,
66.1630

■ 30.8464, 26.0858,
58.6684

■ 78.0561, 88.9910,
68.3221

■ 26.0702, 20.1206,
57.7687

■ 84.8994, 95.6344,
69.2437

■ 22.0759, 15.2829,
57.0455

■ 87.5428, 96.9971,
69.3674

■ 18.8181, 11.4986,
56.4867

■ 16.2464, 8.6845,
56.0791

■ 14.3030, 6.7444,
55.8071

■ 12.9164, 5.5552,
55.6506

Harmonies

Analogous

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



48.9569, 51.3900, 63.7913



50.2641, 51.3900, 62.5284



51.2046, 51.3900, 59.4973

Triad

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



50.2641, 51.3900, 62.5284



50.0664, 51.3900, 49.5624



46.2736, 51.3900, 56.2768

Complementary

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



50.2641, 51.3900, 62.5284



52.9916, 57.2758, 55.8419

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.



46.5583, 51.3900, 52.5561



50.2641, 51.3900, 62.5284



48.7326, 51.3900, 48.7882

Square

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



50.2641, 51.3900, 62.5284



51.0890, 51.3900, 52.0243



47.4522, 51.3900, 49.8592



46.6670, 51.3900, 60.0788

Rectangle

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



50.2641, 51.3900, 62.5284



51.4882, 51.3900, 56.9462



47.4522, 51.3900, 49.8592



46.2931, 51.3900, 54.9753

Sweetspot

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



50.2656, 51.3922, 62.5295



92.1572, 96.1254, 108.3046



51.2724, 54.8880, 63.1512



19.7558, 20.6154, 23.1879



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.



50.2656, 51.3922, 62.5295



83.8765, 85.0864, 106.6103



51.9218, 52.2460, 62.6070



10.3584, 10.4430, 13.3872



7.9536, 3.3345, 34.9688



0.4516, 0.1966, 1.6593

Inverse Universe

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



52.1505, 52.4175, 60.1949



87.8901, 87.2703, 101.6114



51.3509, 56.4300, 55.7652



10.9388, 10.7589, 12.6612



18.1264, 9.0001, 16.4076



0.8896, 0.4387, 0.9418

Previews

White Background



This preview shows how the XYZ color 50.2641, 51.3900, 62.5284 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 50.2641, 51.3900, 62.5284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

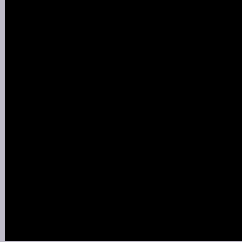
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2641, 51.3900, 62.5284

Background



This preview shows how black text looks on a background with the XYZ color 50.2641, 51.3900, 62.5284.

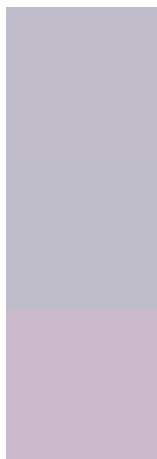


This preview shows how white text looks on a background with the XYZ color 50.2641, 51.3900,

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

50.2641, 51.3900, 62.5284

Protanopia

49.9754, 51.5594, 62.5763

Deuteranopia

52.4298, 51.2418, 63.0044



Tritanopia

50.5009, 51.4847, 63.7758

Trichromacy



Original Color

50.2641, 51.3900, 62.5284

Protanomaly

50.2261, 51.6886, 62.5880

Deuteranomaly

51.5628, 51.1043, 63.0236

Tritanomaly

50.3821, 51.4372, 63.1501

Monochromacy



Original Color

50.2641, 51.3900, 62.5284

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.7496, 51.8434, 59.0145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2641, 51.3900, 62.5284 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(192, 188, 201)` looks like.

```
.text, #text, p{  
    color:rgb(192, 188, 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(192, 188, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 188, 201) }
```

Border

The CSS property to change the border of an element to XYZ 50.2641, 51.3900, 62.5284 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(192, 188, 201) }
```


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

```
.border{ border-color:rgb(192, 188, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 188, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 188, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 188, 201);  
box-shadow:4px 4px 4px 4px rgb(192, 188,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2641, 51.3900, 62.5284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 188, 201) }
```

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

```
.background{ background-color: rgb(192,  
188, 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