

Converting Colors

XYZ(50.1191, 53.0079, 62.0197)

Have a look what the booklet for
XYZ(50.1191, 53.0079, 62.0197)
contains.

XYZ(50.2343, 53.0014, 62.2262)	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(50.2343, 53.0014,
62.2262)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC1C8
RGB	188, 193, 200
RGB Percent	74%, 76%, 78%
CMY	0.2627, 0.2431, 0.2157
CMYK	0.06, 0.03, 0.00, 0.22
HSL	215°, 10%, 76%
HSV	215°, 6%, 78%
XYZ	50.2343, 53.0014, 62.2262
YIQ	192.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

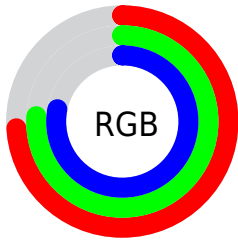
Format	Color
RYB	188, 192, 200
Decimal	12370376
CIELab	77.88, -0.38, -4.12
CIELCh	78, 4.134, 264.721
Yxy	53.0014, 0.3036, 0.3203
Android (android.graphics.Color)	4290560456 (0xFFBCC1C8)
YUV	192.3030, 3.7946, -3.7737
Hunter-Lab	72.8021, -4.2365, 0.2844

Details

The XYZ color **50.2343, 53.0014, 62.2262** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4117, 54.9399, 55.4199**, and the grayscale version is **50.2619, 52.8794, 57.5857**.

A 20% lighter version of the original color is **89.2339, 94.2045, 108.0879**, and **24.5581, 25.9824, 30.9149** is the 20% darker color. If you saturate the color by 10%, you get **43.1679, 45.6825, 61.1868**, and if you desaturate by 10%, it is **58.1899, 61.0834, 63.3677**.

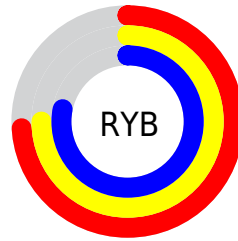
Distribution



Red (74%)

Green (76%)

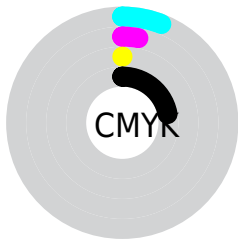
Blue (78%)



Red (74%)

Yellow (75%)

Blue (78%)

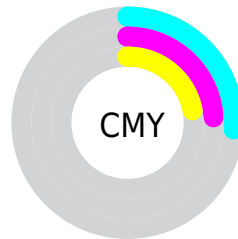


Cyan (6%)

Magenta (3%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (24%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2343, 53.0014, 62.2262 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 50.2343, 53.0014, 62.2262 by changing the saturation by 10% instead.

■ 50.2343, 53.0014,
62.2262

■ 50.2343, 53.0014,
62.2262

378.0184,
398.2905, 450.7861

■ 35.8182, 37.8039,
44.7785

■ 89.7117, 94.6064,
109.6272

■ 24.4632, 25.8305,
30.9413

115.5036,
121.7827, 140.4175

■ 15.8042, 16.6969,
20.2961

145.8182,
153.7208, 176.4925

■ 9.4757, 10.0186,
12.4242

181.0208,
190.8049, 218.2707

■ 5.1123, 5.4113,
6.9073

221.4768,
233.4195, 266.1706

■ 2.3487, 2.4906,
3.3266

267.5514,

■ 0.8194, 0.8719,

281.9491, 320.6108

1.2637

319.6102,
336.7779, 382.0098

■ 0.0000, 0.0000,
0.0318

■ 0.0000, 0.0000,
0.0000

■ 50.2343, 53.0014,
62.2262

■ 50.2343, 53.0014,
62.2262

■ 43.1679, 45.6825,
61.1868

■ 58.1899, 61.0834,
63.3677

■ 36.9535, 39.0963,
60.2430

■ 67.0608, 69.9443,
64.6105

■ 31.5579, 33.2199,
59.3931

■ 76.8780, 79.6079,
65.9583

■ 26.9441, 28.0267,
58.6339

■ 82.7229, 87.5450,
67.1823

■ 23.0717, 23.4883,
57.9620

■ 86.2604, 94.6200,
68.3614

■ 19.8967, 19.5737,
57.3738

■ 87.4255, 96.9502,
68.7498

■ 17.3697, 16.2491,
56.8653

■ 15.4339, 13.4762,
56.4321

■ 14.0194, 11.2095,
56.0691

Harmonies

Analogous

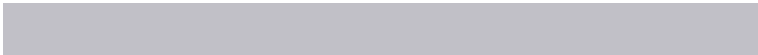
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.4896, 53.0014, 61.3956



50.2343, 53.0014, 62.2262



51.0248, 53.0014, 61.8206

Triad

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



50.2343, 53.0014, 62.2262



51.7920, 53.0014, 55.8797



49.1261, 53.0014, 55.1928

Complementary

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



50.2343, 53.0014, 62.2262



52.4117, 54.9399, 55.4199

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.



49.7332, 53.0014, 53.7848



50.2343, 53.0014, 62.2262



51.2734, 53.0014, 54.1740

Square

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



50.2343, 53.0014, 62.2262



51.9296, 53.0014, 58.1174



50.5184, 53.0014, 53.4169



48.8542, 53.0014, 57.3036

Rectangle

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



50.2343, 53.0014, 62.2262



51.4707, 53.0014, 60.9092



50.5184, 53.0014, 53.4169



49.2974, 53.0014, 54.6239

Sweetspot

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



50.2358, 53.0036, 62.2274



92.2572, 97.1629, 108.4996



51.2218, 55.9318, 59.6083



19.7761, 20.8267, 23.2276



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.



50.2358, 53.0036, 62.2274



85.5543, 90.3086, 107.5299



49.3461, 50.9307, 61.8741



10.7122, 11.3092, 13.5358



8.6984, 6.7908, 35.5967



0.4831, 0.4639, 1.7092

Inverse Universe

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



51.4294, 52.0971, 57.7998



87.9868, 88.4830, 98.5016



53.3385, 57.1097, 55.7898



11.0353, 11.0678, 12.3362



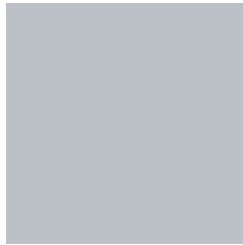
16.1899, 8.2255, 6.2099



0.8025, 0.4039, 0.4833

Previews

White Background



This preview shows how the XYZ color 50.2343, 53.0014, 62.2262 looks on a white background.

Color Contrast Check

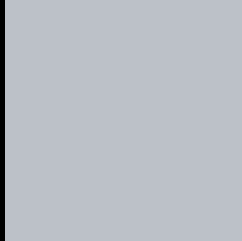
Large Text (above 18pt) WCAG AA × Fail

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 50.2343, 53.0014, 62.2262 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

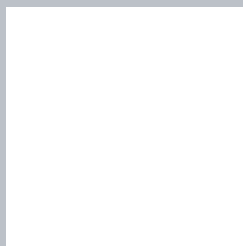
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2343, 53.0014, 62.2262

Background



This preview shows how black text looks on a background with the XYZ color 50.2343, 53.0014, 62.2262.



This preview shows how white text looks on a background with the XYZ color 50.2343, 53.0014,

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

50.2343, 53.0014, 62.2262

Protanopia

51.1877, 52.8545, 61.5369

Deuteranopia

54.0451, 53.0231, 62.6443



Tritanopia

51.0984, 53.0231, 66.5728

Trichromacy



Original Color

50.2343, 53.0014, 62.2262

Protanomaly

50.8967, 53.0293, 61.5860

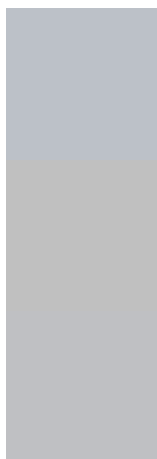
Deuteranomaly

52.5596, 52.8916, 62.6972

Tritanomaly

50.7350, 52.8777, 64.6591

Monochromacy



Original Color

50.2343, 53.0014, 62.2262

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1858, 52.7158, 59.1598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2343, 53.0014, 62.2262 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(188, 193, 200)` looks like.

```
.text, #text, p{  
    color:rgb(188, 193, 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(188, 193, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 193, 200) }
```

Border

The CSS property to change the border of an element to XYZ 50.2343, 53.0014, 62.2262 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(188, 193, 200) }
```


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

```
.border{ border-color:rgb(188, 193, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 193, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 193, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 193, 200);  
box-shadow:4px 4px 4px 4px rgb(188, 193,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2343, 53.0014, 62.2262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 193, 200) }
```

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

```
.background{ background-color: rgb(188,  
193, 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](#).

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