

Converting Colors

XYZ(50.8669, 53.3389, 60.6329)

Have a look what the booklet for
XYZ(50.8669, 53.3389, 60.6329)
contains.

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Color

**XYZ(50.8862, 53.3776,
60.4442)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C1C5
RGB	192, 193, 197
RGB Percent	75%, 76%, 77%
CMY	0.2471, 0.2431, 0.2274
CMYK	0.03, 0.02, 0.00, 0.23
HSL	228°, 4%, 76%
HSV	228°, 3%, 77%
XYZ	50.8862, 53.3776, 60.4442
YIQ	193.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

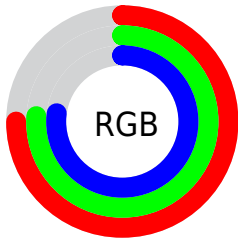
Format	Color
R_{YB}	192, 193, 197
Decimal	12632517
CIE Lab	78.10, 0.41, -2.14
CIE LCh	78, 2.173, 280.758
Yxy	53.3776, 0.3089, 0.3241
Android (android.graphics.Color)	4290822597 (0xFFC0C1C5)
YUV	193.1570, 1.8946, -1.0147
Hunter-Lab	73.0600, -3.5299, 2.0900

Details

The XYZ color **50.8862, 53.3776, 60.4442** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2803, 55.1552, 57.7605**, and the grayscale version is **50.7721, 53.4162, 58.1703**.

A 20% lighter version of the original color is **90.4765, 94.8636, 107.3078**, and **24.9835, 26.2283, 29.7324** is the 20% darker color. If you saturate the color by 10%, you get **42.9307, 44.3822, 59.1280**, and if you desaturate by 10%, it is **59.8831, 63.4631, 61.9175**.

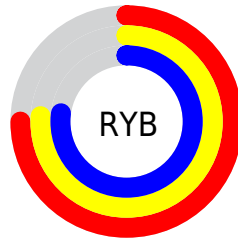
Distribution



Red (75%)

Green (76%)

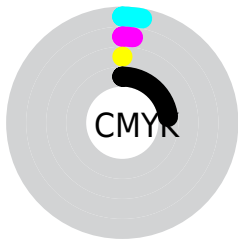
Blue (77%)



Red (75%)

Yellow (76%)

Blue (77%)

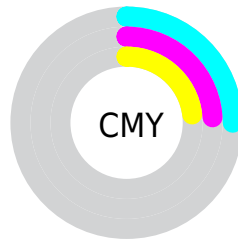


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (23%)



Cyan (25%)

Magenta (24%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8862, 53.3776, 60.4442 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 50.8862, 53.3776, 60.4442 by changing the saturation by 10% instead.

■ 50.8862, 53.3776,
60.4442

■ 50.8862, 53.3776,
60.4442

380.5164,
399.7321, 444.0832

■ 36.3387, 38.1043,
43.3491

□ 90.6705, 95.1598,
107.0234

■ 24.8672, 26.0636,
29.8257

116.6381,
122.4374, 137.3447

■ 16.1064, 16.8713,
19.4554

147.1431,
154.4853, 172.9118

■ 9.6908, 10.1427,
11.8197

182.5508,
191.6878, 214.1432

■ 5.2551, 5.4937,
6.5000

223.2266,
234.4294, 261.4575

■ 2.4340, 2.5397,
3.0777

269.5360,

■ 0.8621, 0.8965,

283.0944, 315.2732

1.1345

321.8441,
338.0671, 376.0089

■ 0.0000, 0.0000,
0.0000

■ 50.8862, 53.3776,
60.4442

■ 50.8862, 53.3776,
60.4442

■ 42.9307, 44.3822,
59.1280

■ 59.8831, 63.4631,
61.9175

■ 35.9742, 36.4335,
57.9604

■ 69.9528, 74.6667,
63.5493

■ 29.9779, 29.4948,
56.9371

■ 81.1309, 87.0241,
65.3454

■ 24.8990, 23.5251,
56.0526

■ 87.0782, 96.8113,
66.9210

■ 20.6911, 18.4803,
55.3006

■ 17.3037, 14.3128,
54.6747

■ 14.6811, 10.9706,
54.1679

■ 12.7600, 8.3960,
53.7722

■ 11.4665, 6.5227,
53.4788

Harmonies

Analogous

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



50.4655, 53.3776, 60.3524



50.8862, 53.3776, 60.4442



51.2681, 53.3776, 59.9064

Triad

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



50.8862, 53.3776, 60.4442



51.3541, 53.3776, 56.6075



49.9677, 53.3776, 57.3527

Complementary

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



50.8862, 53.3776, 60.4442



52.2803, 55.1552, 57.7605

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.



50.2032, 53.3776, 56.3677



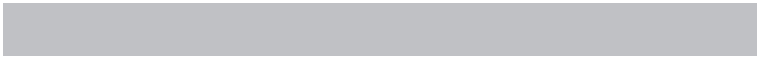
50.8862, 53.3776, 60.4442



51.0031, 53.3776, 55.9416

Square

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



50.8862, 53.3776, 60.4442



51.5393, 53.3776, 57.6842



50.5817, 53.3776, 55.8545



49.9368, 53.3776, 58.5562

Rectangle

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



50.8862, 53.3776, 60.4442



51.4488, 53.3776, 59.2676



50.5817, 53.3776, 55.8545



50.0255, 53.3776, 56.9856

Sweetspot

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



50.8877, 53.3799, 60.4454



93.4712, 98.2259, 108.6408



51.6596, 55.1215, 60.0924



20.0233, 21.0431, 23.2563



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.



50.8877, 53.3799, 60.4454



90.3715, 94.7382, 108.1310



51.0271, 53.1236, 60.3885



11.2498, 11.7829, 13.5989



7.1657, 3.7254, 35.0858



0.3916, 0.2811, 1.6788

Inverse Universe

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



51.5024, 53.4208, 58.0516



91.6889, 94.8282, 102.9998



52.1382, 55.4190, 57.8189



11.4535, 11.7973, 12.8051



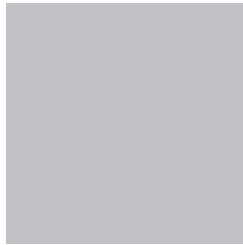
15.4163, 7.9161, 2.1359



0.7564, 0.3854, 0.2402

Previews

White Background



This preview shows how the XYZ color 50.8862, 53.3776, 60.4442 looks on a white background.

Color Contrast Check

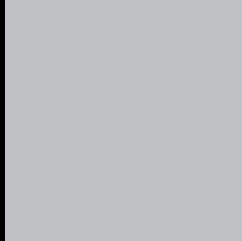
Large Text (above 18pt) WCAG AA × Fail

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 50.8862, 53.3776, 60.4442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

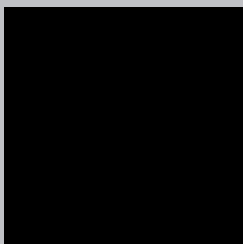
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

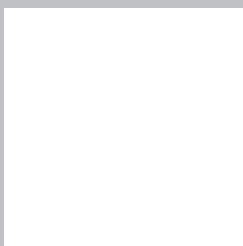
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8862, 53.3776, 60.4442

Background



This preview shows how black text looks on a background with the XYZ color 50.8862, 53.3776, 60.4442.

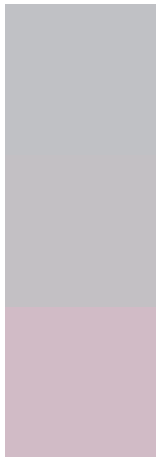


This preview shows how white text looks on a background with the XYZ color 50.8862, 53.3776,

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

50.8862, 53.3776, 60.4442

Protanopia

51.3191, 53.2869, 59.8051

Deuteranopia

54.2579, 53.1732, 60.8298



Tritanopia

52.1414, 53.2359, 66.5589

Trichromacy



Original Color

50.8862, 53.3776, 60.4442

Protanomaly

51.0616, 53.1541, 59.7931

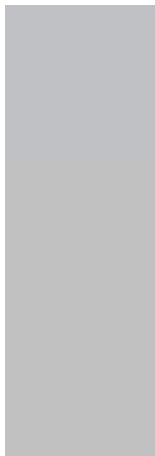
Deuteranomaly

53.0192, 53.1689, 60.8943

Tritanomaly

51.6214, 53.3485, 64.0765

Monochromacy



Original Color

50.8862, 53.3776, 60.4442

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.7999, 53.3724, 58.6634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8862, 53.3776, 60.4442 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, 193, 197)` looks like.

```
.text, #text, p{  
    color:rgb(192, 193, 197)  
}
```

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, 193, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 193, 197) }
```

Border

The CSS property to change the border of an element to XYZ 50.8862, 53.3776, 60.4442 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, 193, 197) }
```


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

```
.border{ border-color:rgb(192, 193, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 193, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 193, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 193, 197);  
box-shadow:4px 4px 4px 4px rgb(192, 193,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8862, 53.3776, 60.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 193, 197) }
```

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

```
.background{ background-color: rgb(192,  
193, 197) }
```

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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