

Converting Colors

XYZ(51.0984, 53.4333, 62.8788)

Have a look what the booklet for
XYZ(51.0984, 53.4333, 62.8788)
contains.

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Color

**XYZ(51.0984, 53.4333,
62.8788)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC1C9
RGB	191, 193, 201
RGB Percent	75%, 76%, 79%
CMY	0.2510, 0.2431, 0.2118
CMYK	0.05, 0.04, 0.00, 0.21
HSL	228°, 8%, 77%
HSV	228°, 5%, 79%
XYZ	51.0984, 53.4333, 62.8788
YIQ	193.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

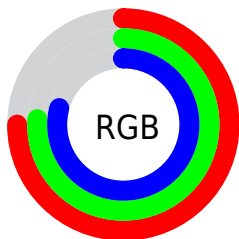
Format	Color
RYB	191, 193, 201
Decimal	12566985
CIELab	78.13, 0.83, -4.26
CIElCh	78, 4.337, 281.011
Yxy	53.4333, 0.3052, 0.3192
Android (android.graphics.Color)	4290757065 (0xFFBFC1C9)
YUV	193.3140, 3.7892, -2.0294
Hunter-Lab	73.0981, -3.1432, 0.1675

Details

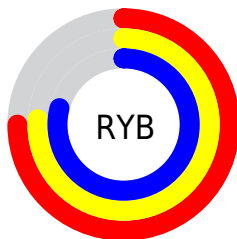
The XYZ color **51.0984, 53.4333, 62.8788** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9149, 57.0254, 57.4564**, and the grayscale version is **50.8545, 53.5029, 58.2647**.

A 20% lighter version of the original color is **90.2835, 94.7455, 108.1370**, and **25.1258, 26.2660, 31.3493** is the 20% darker color. If you saturate the color by 10%, you get **43.0243, 44.2808, 61.5386**, and if you desaturate by 10%, it is **60.2556, 63.7204, 64.3826**.

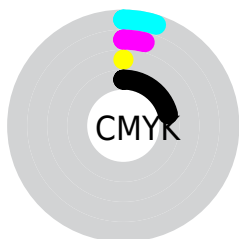
Distribution



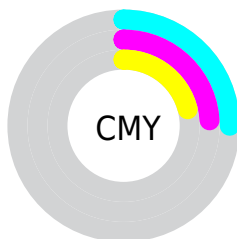
- Red (75%)
- Green (76%)
- Blue (79%)



- Red (75%)
- Yellow (76%)
- Blue (79%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (25%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0984, 53.4333, 62.8788 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 51.0984, 53.4333, 62.8788 by changing the saturation by 10% instead.

■ 51.0984, 53.4333,
62.8788

■ 51.0984, 53.4333,
62.8788

381.3273,
399.9453, 453.2253

■ 36.5083, 38.1488,
45.3028

□ 90.9823, 95.2417,
110.5785

■ 24.9989, 26.0982,
31.3513

117.0069,
122.5343, 141.5393

■ 16.2050, 16.8971,
20.6058

147.5736,
154.5984, 177.7988

■ 9.7611, 10.1612,
12.6477

183.0478,
191.8184, 219.7755

■ 5.3019, 5.5059,
7.0586

223.7950,
234.5787, 267.8880

■ 2.4620, 2.5471,
3.4198

270.1804,

■ 0.8761, 0.9001,

283.2637, 322.5547

1.3128

322.5694,
338.2578, 384.1943

■ 0.0000, 0.0000,
0.0722

■ 0.0000, 0.0000,
0.0000

■ 51.0984, 53.4333,
62.8788

■ 51.0984, 53.4333,
62.8788

■ 43.0243, 44.2808,
61.5386

■ 60.2556, 63.7204,
64.3826

■ 35.9882, 36.2171,
60.3529

■ 70.5293, 75.1724,
66.0516

■ 29.9488, 29.2030,
59.3174

■ 81.9576, 87.8271,
67.8918

■ 24.8602, 23.1947,
58.4259

■ 87.5428, 96.9971,
69.3674

■ 20.6726, 18.1449,
57.6719

■ 17.3318, 14.0026,
57.0484

■ 14.7775, 10.7118,
56.5479

■ 12.9408, 8.2097,
56.1617

■ 11.7401, 6.4240,
55.8803

Harmonies

Analogous

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



50.2587, 53.4333, 62.7021



51.0984, 53.4333, 62.8788



51.8628, 53.4333, 61.7704

Triad

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



51.0984, 53.4333, 62.8788



52.0255, 53.4333, 55.1728



49.2624, 53.4333, 56.6754

Complementary

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



51.0984, 53.4333, 62.8788



53.9149, 57.0254, 57.4564

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.



49.7256, 53.4333, 54.7310



51.0984, 53.4333, 62.8788



51.3185, 53.4333, 53.8803

Square

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



51.0984, 53.4333, 62.8788



52.4020, 53.4333, 57.2936



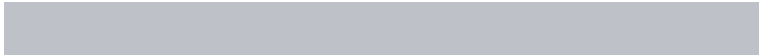
50.4764, 53.4333, 53.7209



49.2050, 53.4333, 59.0751

Rectangle

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



51.0984, 53.4333, 62.8788



52.2245, 53.4333, 60.4695



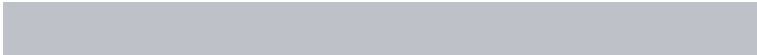
50.4764, 53.4333, 53.7209



49.3756, 53.4333, 55.9486

Sweetspot

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



51.0999, 53.4356, 62.8800



93.4710, 98.2254, 108.6407



52.6628, 56.9663, 62.1522



20.0233, 21.0430, 23.2563



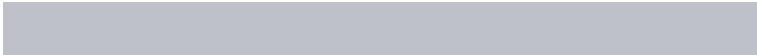
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.0999, 53.4356, 62.8800



85.8636, 89.6532, 107.3870



51.3796, 52.9268, 62.7670



10.7286, 11.1946, 13.5128



7.1641, 3.7221, 35.0852



0.3915, 0.2808, 1.6787

Inverse Universe

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



52.3450, 53.5304, 58.0282



88.4540, 89.8605, 97.2906



53.6241, 57.5641, 57.5757



11.0796, 11.2233, 12.1445



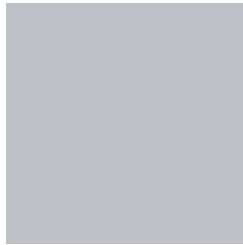
15.4154, 7.9157, 2.1316



0.7563, 0.3854, 0.2399

Previews

White Background



This preview shows how the XYZ color 51.0984, 53.4333, 62.8788 looks on a white background.

Color Contrast Check

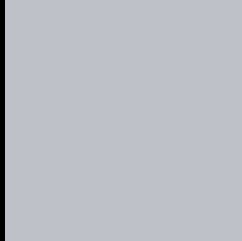
Large Text (above 18pt) WCAG AA × Fail

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 51.0984, 53.4333, 62.8788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

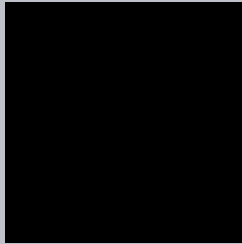
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0984, 53.4333, 62.8788

Background



This preview shows how black text looks on a background with the XYZ color 51.0984, 53.4333, 62.8788.

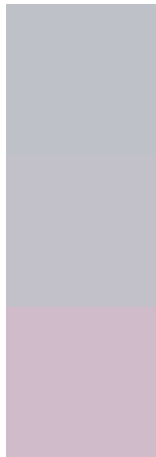


This preview shows how white text looks on a background with the XYZ color 51.0984, 53.4333,

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

51.0984, 53.4333, 62.8788

Protanopia

51.5231, 53.3387, 62.2234

Deuteranopia

54.4434, 53.2148, 63.2791



Tritanopia

51.8503, 53.4107, 66.6080

Trichromacy



Original Color

51.0984, 53.4333, 62.8788

Protanomaly

51.2673, 53.2069, 62.2115

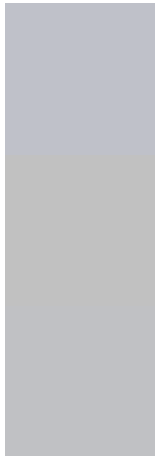
Deuteranomaly

53.2154, 53.2160, 63.3441

Tritanomaly

51.6073, 53.3135, 65.3281

Monochromacy



Original Color

51.0984, 53.4333, 62.8788

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.7720, 53.3319, 59.8427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0984, 53.4333, 62.8788 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(191, 193, 201)` looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 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(191, 193, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 201) }
```

Border

The CSS property to change the border of an element to XYZ 51.0984, 53.4333, 62.8788 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(191, 193, 201) }
```


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

```
.border{ border-color:rgb(191, 193, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 193, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 193, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 193, 201);  
box-shadow:4px 4px 4px 4px rgb(191, 193,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0984, 53.4333, 62.8788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 193, 201) }
```

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

```
.background{ background-color: rgb(191,  
193, 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](#).

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