

Converting Colors

XYZ(51.1863, 53.2956, 62.2568)

Have a look what the booklet for
XYZ(51.1863, 53.2956, 62.2568)
contains.

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Color

**XYZ(51.0132, 53.0759,
62.1996)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C0C8
RGB	192, 192, 200
RGB Percent	75%, 75%, 78%
CMY	0.2471, 0.2470, 0.2157
CMYK	0.04, 0.04, 0.00, 0.22
HSL	240°, 7%, 77%
HSV	240°, 4%, 78%
XYZ	51.0132, 53.0759, 62.1996
YIQ	192.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

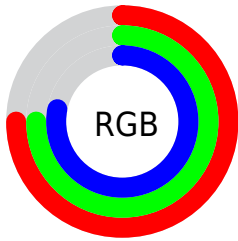
Format	Color
RYB	192, 192, 200
Decimal	12632264
CIELab	77.92, 1.51, -4.02
CIELCh	78, 4.291, 290.584
Yxy	53.0759, 0.3068, 0.3192
Android (android.graphics.Color)	4290822344 (0xFFC0C0C8)
YUV	192.9120, 3.4944, -0.7998
Hunter-Lab	72.8532, -2.5040, 0.3775

Details

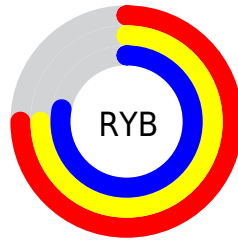
The XYZ color **51.0132, 53.0759, 62.1996** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9882, 57.3931, 58.1025**, and the grayscale version is **50.6194, 53.2555, 57.9953**.

A 20% lighter version of the original color is **90.3288, 94.3113, 108.0508**, and **25.0684, 26.0295, 30.8971** is the 20% darker color. If you saturate the color by 10%, you get **42.1939, 42.4508, 60.6144**, and if you desaturate by 10%, it is **61.1200, 65.2528, 64.0181**.

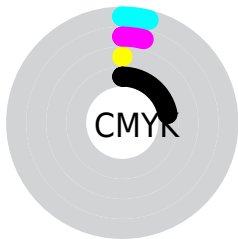
Distribution



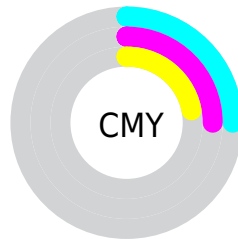
- Red (75%)
- Green (75%)
- Blue (78%)



- Red (75%)
- Yellow (75%)
- Blue (78%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0132, 53.0759, 62.1996 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 51.0132, 53.0759, 62.1996 by changing the saturation by 10% instead.

■ 51.0132, 53.0759,
62.1996

■ 51.0132, 53.0759,
62.1996

381.0019,
398.5763, 450.6865

■ 36.4402, 37.8634,
44.7572

□ 90.8572, 94.7160,
109.5884

■ 24.9460, 25.8767,
30.9246

116.8588,
121.9124, 140.3717

■ 16.1654, 16.7314,
20.2835

147.4008,
153.8723, 176.4392

■ 9.7328, 10.0432,
12.4152

182.8483,
190.9799, 218.2093

■ 5.2831, 5.4276,
6.9011

223.5669,
233.6197, 266.1005

■ 2.4508, 2.5003,
3.3228

269.9217,

■ 0.8705, 0.8768,

282.1761, 320.5314

1.2617

322.2783,
337.0335, 381.9206

■ 0.0000, 0.0000,
0.0301

■ 0.0000, 0.0000,
0.0000

■ 51.0132, 53.0759,
62.1996

■ 51.0132, 53.0759,
62.1996

■ 42.1939, 42.4508,
60.6144

■ 61.1200, 65.2528,
64.0181

■ 34.6062, 33.3088,
59.2497

■ 72.5582, 79.0332,
66.0751

■ 28.1965, 25.5861,
58.0969

■ 85.3754, 94.4747,
68.3801

■ 22.9059, 19.2114,
57.1453

■ 87.4255, 96.9502,
68.7499

■ 18.6702, 14.1075,
56.3834

■ 15.4188, 10.1894,
55.7985

■ 13.0724, 7.3616,
55.3764

■ 11.5395, 5.5140,
55.1005

■ 10.7095, 4.5132,
54.9511

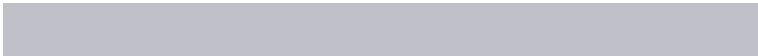
Harmonies

Analogous

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



50.1850, 53.0759, 62.4430



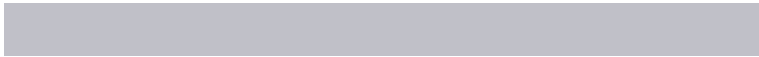
51.0132, 53.0759, 62.1996



51.6967, 53.0759, 60.7574

Triad

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



51.0132, 53.0759, 62.1996



51.4726, 53.0759, 54.3132



48.8808, 53.0759, 57.0422

Complementary

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



51.0132, 53.0759, 62.1996



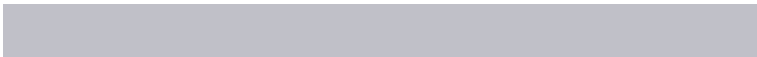
53.9882, 57.3931, 58.1025

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.



49.2177, 53.0759, 54.9220



51.0132, 53.0759, 62.1996



50.7100, 53.0759, 53.3753

Square

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



51.0132, 53.0759, 62.1996



51.9639, 53.0759, 56.1903



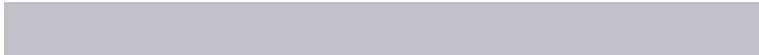
49.8851, 53.0759, 53.5951



48.9600, 53.0759, 59.4211

Rectangle

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



51.0132, 53.0759, 62.1996



51.9753, 53.0759, 59.3315



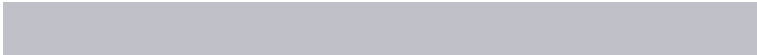
49.8851, 53.0759, 53.5951



48.9490, 53.0759, 56.2766

Sweetspot

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



51.0147, 53.0782, 62.2008



93.3103, 97.9040, 108.5871



52.8031, 56.6798, 62.7200



19.9906, 20.9776, 23.2454



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.



51.0147, 53.0782, 62.2008



86.5820, 89.7978, 107.3771



52.0061, 53.5882, 62.2470



10.7941, 11.1761, 13.5058



6.6295, 2.6530, 34.9070



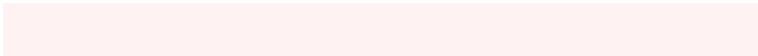
0.3140, 0.1259, 1.6529

Inverse Universe

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



52.1847, 53.7854, 57.5031



89.1320, 91.3393, 97.1380



52.9692, 56.8689, 58.0550



11.1491, 11.3908, 12.0800



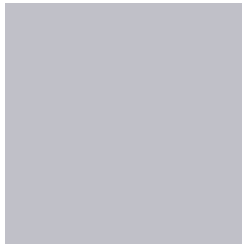
15.1456, 7.8078, 0.7107



0.7172, 0.3697, 0.0340

Previews

White Background



This preview shows how the XYZ color 51.0132, 53.0759, 62.1996 looks on a white background.

Color Contrast Check

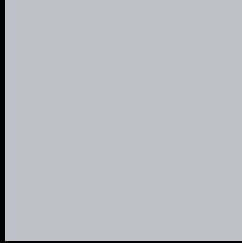
Large Text (above 18pt) WCAG AA × Fail

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 51.0132, 53.0759, 62.1996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

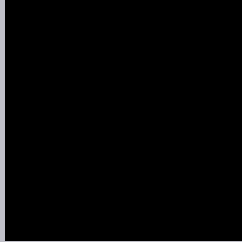
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0132, 53.0759, 62.1996

Background



This preview shows how black text looks on a background with the XYZ color 51.0132, 53.0759, 62.1996.



This preview shows how white text looks on a background with the XYZ color 51.0132, 53.0759,

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

51.0132, 53.0759, 62.1996

Protanopia

51.3043, 52.9011, 62.1505

Deuteranopia

54.0451, 53.0231, 62.6443



Tritanopia

51.7637, 53.0553, 65.9050

Trichromacy



Original Color

51.0132, 53.0759, 62.1996

Protanomaly

51.0484, 52.7692, 62.1385

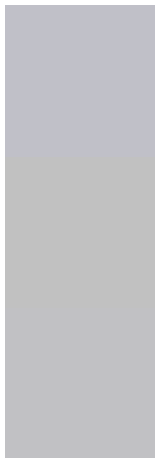
Deuteranomaly

53.0973, 53.1688, 62.7224

Tritanomaly

51.5222, 52.9587, 64.6333

Monochromacy



Original Color

51.0132, 53.0759, 62.1996

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.0261, 53.4629, 59.8546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0132, 53.0759, 62.1996 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, 192, 200)` looks like.

```
.text, #text, p{  
    color:rgb(192, 192, 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(192, 192, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 192, 200) }
```

Border

The CSS property to change the border of an element to XYZ 51.0132, 53.0759, 62.1996 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, 192, 200) }
```


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

```
.border{ border-color:rgb(192, 192, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 192, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 192, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 192, 200);  
box-shadow:4px 4px 4px 4px rgb(192, 192,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0132, 53.0759, 62.1996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 192, 200) }
```

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

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