

Converting Colors

XYZ(51.4017, 53.1113, 62.0194)

Have a look what the booklet for
XYZ(51.4017, 53.1113, 62.0194)
contains.

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Color

**XYZ(51.3043, 52.9011,
62.1505)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BFC8
RGB	194, 191, 200
RGB Percent	76%, 75%, 78%
CMY	0.2392, 0.2510, 0.2157
CMYK	0.03, 0.04, 0.00, 0.22
HSL	260°, 8%, 77%
HSV	260°, 4%, 78%
XYZ	51.3043, 52.9011, 62.1505
YIQ	192.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

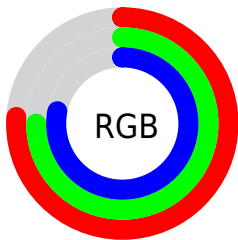
Format	Color
RYB	194, 191, 200
Decimal	12763080
CIELab	77.82, 2.73, -4.15
CIElCh	78, 4.966, 303.280
Yxy	52.9011, 0.3084, 0.3180
Android (android.graphics.Color)	4290953160 (0xFFC2BFC8)
YUV	192.9230, 3.4890, 0.9445
Hunter-Lab	72.7331, -1.3732, 0.2499

Details

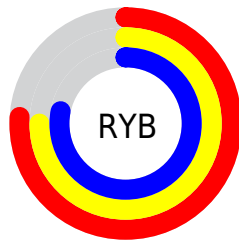
The XYZ color **51.3043, 52.9011, 62.1505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0862, 56.9419, 57.4858**, and the grayscale version is **50.6253, 53.2617, 58.0020**.

A 20% lighter version of the original color is **90.7351, 94.0655, 107.9820**, and **25.0920, 25.8277, 30.8569** is the 20% darker color. If you saturate the color by 10%, you get **43.9665, 43.0809, 60.6425**, and if you desaturate by 10%, it is **59.5480, 64.0754, 63.8737**.

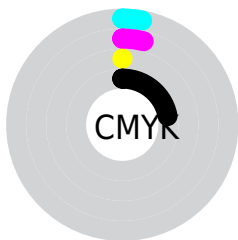
Distribution



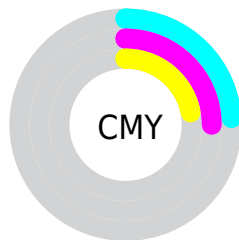
- Red (76%)
- Green (75%)
- Blue (78%)



- Red (76%)
- Yellow (75%)
- Blue (78%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3043, 52.9011, 62.1505 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 51.3043, 52.9011, 62.1505 by changing the saturation by 10% instead.

■ 51.3043, 52.9011,
62.1505

■ 51.3043, 52.9011,
62.1505

382.1131,
397.9056, 450.5027

■ 36.6729, 37.7238,
44.7177

■ 91.2847, 94.4588,
109.5167

■ 25.1268, 25.7684,
30.8938

117.3645,
121.6081, 140.2873

■ 16.3008, 16.6505,
20.2602

147.9910,
153.5167, 176.3408

■ 9.8295, 9.9856,
12.3984

183.5297,
190.5692, 218.0959

■ 5.3474, 5.3894,
6.8898

224.3459,
233.1500, 265.9711

■ 2.4894, 2.4775,
3.3159

270.8049,

■ 0.8899, 0.8653,

281.6434, 320.3849

1.2581

323.2722,
336.4338, 381.7559

■ 0.0000, 0.0000,
0.0271

■ 0.0000, 0.0000,
0.0000

■ 51.3043, 52.9011,
62.1505

■ 51.3043, 52.9011,
62.1505

■ 43.9665, 43.0809,
60.6425

■ 59.5480, 64.0754,
63.8737

■ 37.4981, 34.5558,
59.3380

■ 68.7234, 76.6463,
65.8165

■ 31.8665, 27.2728,
58.2290

■ 78.8609, 90.6627,
67.9876

■ 27.0355, 21.1721,
57.3061

■ 84.6679, 95.5286,
68.6208

■ 22.9659, 16.1891,
56.5588

■ 87.4255, 96.9502,
68.7498

■ 19.6150, 12.2528,
55.9756

■ 16.9357, 9.2839,
55.5438

■ 14.8740, 7.1910,
55.2484

■ 13.3662, 5.8639,
55.0718

Harmonies

Analogous

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



50.3870, 52.9011, 63.0611



51.3043, 52.9011, 62.1505



51.9538, 52.9011, 60.0189

Triad

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



51.3043, 52.9011, 62.1505



51.1185, 52.9011, 52.9902



48.4540, 52.9011, 57.9044

Complementary

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



51.3043, 52.9011, 62.1505



53.0862, 56.9419, 57.4858

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.



48.6443, 52.9011, 55.2476



51.3043, 52.9011, 62.1505



50.1750, 52.9011, 52.4642

Square

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



51.3043, 52.9011, 62.1505



51.8456, 52.9011, 54.7378



49.2712, 52.9011, 53.2778



48.7480, 52.9011, 60.5609

Rectangle

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



51.3043, 52.9011, 62.1505



52.1432, 52.9011, 58.2234



49.2712, 52.9011, 53.2778



48.4635, 52.9011, 56.9817

Sweetspot

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



51.3058, 52.9034, 62.1517



93.6190, 98.0627, 108.6015



51.9134, 55.2489, 62.5724



20.0534, 21.0099, 23.2483



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.



51.3058, 52.9034, 62.1517



88.0573, 90.5560, 107.4457



52.4389, 53.4875, 62.2047



10.9990, 11.2814, 13.5153



8.1697, 3.4459, 34.9789



0.4640, 0.2029, 1.6599

Inverse Universe

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



52.5301, 53.5746, 60.3983



90.4402, 91.8626, 104.0272



51.9633, 56.3630, 57.4333



11.3311, 11.4635, 13.0381



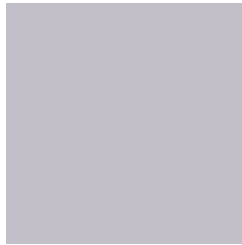
17.8968, 8.9083, 15.1981



0.8800, 0.4348, 0.8913

Previews

White Background



This preview shows how the XYZ color 51.3043, 52.9011, 62.1505 looks on a white background.

Color Contrast Check

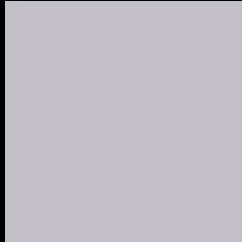
Large Text (above 18pt) WCAG AA × Fail

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 51.3043, 52.9011, 62.1505 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 51.3043, 52.9011, 62.1505

Background



This preview shows how black text looks on a background with the XYZ color 51.3043, 52.9011, 62.1505.

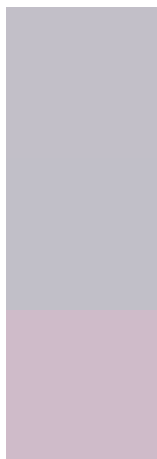


This preview shows how white text looks on a background with the XYZ color 51.3043, 52.9011,

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

51.3043, 52.9011, 62.1505

Protanopia

51.0484, 52.7692, 62.1385

Deuteranopia

54.0451, 53.0231, 62.6443



Tritanopia

51.9386, 52.8368, 65.2187

Trichromacy



Original Color

51.3043, 52.9011, 62.1505

Protanomaly

51.0484, 52.7692, 62.1385

Deuteranomaly

52.8830, 52.7400, 62.6510

Tritanomaly

51.6986, 52.7408, 63.9551

Monochromacy



Original Color

51.3043, 52.9011, 62.1505

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.8058, 53.0223, 59.7811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3043, 52.9011, 62.1505 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(194, 191, 200)` looks like.

```
.text, #text, p{  
    color:rgb(194, 191, 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(194, 191, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 200) }
```

Border

The CSS property to change the border of an element to XYZ 51.3043, 52.9011, 62.1505 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(194, 191, 200) }
```


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

```
.border{ border-color:rgb(194, 191, 200) }
```

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

Here you see how a box with a 4 pixel rgb(194, 191, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 191, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 191, 200);  
box-shadow:4px 4px 4px 4px rgb(194, 191,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3043, 52.9011, 62.1505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 191, 200) }
```

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

```
.background{ background-color: rgb(194,  
191, 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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