

Converting Colors

XYZ(51.9224, 55.4665, 50.6173)

Have a look what the booklet for
XYZ(51.9224, 55.4665, 50.6173)
contains.

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Color

**XYZ(51.9224, 55.4665,
50.6173)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C5B3
RGB	200, 197, 179
RGB Percent	78%, 77%, 70%
CMY	0.2157, 0.2274, 0.2980
CMYK	0.00, 0.01, 0.10, 0.22
HSL	51°, 16%, 74%
HSV	51°, 10%, 78%
XYZ	51.9224, 55.4665, 50.6173
YIQ	195.8450, 7.5660, -4.9620

Conversions

Conversions Part 2

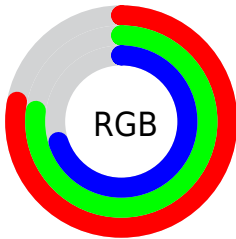
Format	Color
RYB	183, 200, 179
Decimal	13157811
CIELab	79.31, -2.08, 9.39
CIELCh	79, 9.621, 102.487
Yxy	55.4665, 0.3286, 0.3510
Android (android.graphics.Color)	4291347891 (0xFFC8C5B3)
YUV	195.8450, -8.3046, 3.6439
Hunter-Lab	74.4758, -5.8877, 11.8368

Details

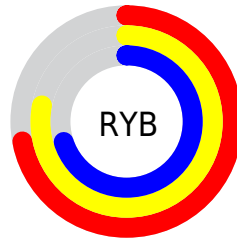
The XYZ color **51.9224, 55.4665, 50.6173** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7437, 47.2091, 61.3457**, and the grayscale version is **52.4227, 55.1528, 60.0614**.

A 20% lighter version of the original color is **91.6772, 98.1418, 92.7086**, and **25.4424, 27.2623, 23.6598** is the 20% darker color. If you saturate the color by 10%, you get **49.4033, 53.4336, 40.5114**, and if you desaturate by 10%, it is **54.7503, 57.6462, 62.2750**.

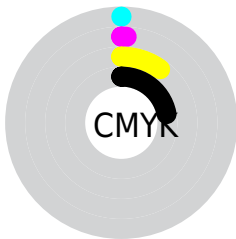
Distribution



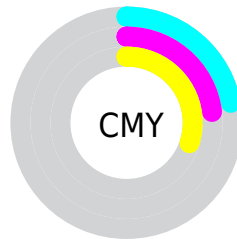
- Red (78%)
- Green (77%)
- Blue (70%)



- Red (72%)
- Yellow (78%)
- Blue (70%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9224, 55.4665, 50.6173 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 51.9224, 55.4665, 50.6173 by changing the saturation by 10% instead.

■ 51.9224, 55.4665,
50.6173

■ 51.9224, 55.4665,
50.6173

384.4658,
407.6778, 405.8791

■ 37.1672, 39.7753,
35.5295

■ 92.1917, 98.2241,
92.4945

■ 25.5113, 27.3634,
23.7842

118.4365,
126.0594, 120.1211

■ 16.5891, 17.8464,
14.9629

149.2420,
158.7114, 152.7643

■ 10.0355, 10.8397,
8.6470

184.9734,
196.5647, 190.8426

■ 5.4849, 5.9592,
4.4180

225.9961,
240.0036, 234.7748

■ 2.5722, 2.8203,
1.8574

272.6756,

■ 0.9318, 1.0386,

289.4125, 284.9792

0.4654

325.3770,
345.1758, 341.8745

■ 0.0000, 0.0000,
0.0000

■ 51.9224, 55.4665,
50.6173

■ 51.9224, 55.4665,
50.6173

■ 49.4033, 53.4336,
40.5114

■ 54.7503, 57.6462,
62.2750

■ 47.1757, 51.5350,
31.8874

■ 57.8942, 59.9703,
75.5431

■ 45.2277, 49.7676,
24.6755

■ 61.3670, 62.4457,
90.4816

■ 43.5445, 48.1255,
18.7987

■ 64.5282, 64.8164,
103.7176

■ 42.1101, 46.6021,
14.1730

■ 65.2321, 66.2243,
103.9522

■ 40.9066, 45.1901,
10.7043

■ 65.9486, 67.6573,
104.1910

■ 39.9136, 43.8814,
8.2858

■ 66.6778, 69.1157,
104.4341

■ 39.1070, 42.6660,
6.7903

■ 67.4198, 70.5995,
104.6814

■ 38.4703, 41.5806,
5.9983

■ 68.1744, 72.1089,
104.9330

Harmonies

Analogous

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



53.8417, 55.4665, 50.8316



51.9224, 55.4665, 50.6173



50.2568, 55.4665, 52.9038

Triad

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



51.9224, 55.4665, 50.6173



50.0347, 55.4665, 67.8456



56.3311, 55.4665, 63.6423

Complementary

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



51.9224, 55.4665, 50.6173



45.7437, 47.2091, 61.3457

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.



55.2608, 55.4665, 68.5588



51.9224, 55.4665, 50.6173



51.6125, 55.4665, 71.0853

Square

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



51.9224, 55.4665, 50.6173



49.1849, 55.4665, 62.7164



53.5242, 55.4665, 71.3540



56.4190, 55.4665, 58.1288

Rectangle

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



51.9224, 55.4665, 50.6173



49.5019, 55.4665, 55.6246



53.5242, 55.4665, 71.3540



56.0731, 55.4665, 65.4276

Sweetspot

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



51.9239, 55.4689, 50.6185



93.4953, 98.8225, 102.4261



48.3993, 47.9040, 51.0335



19.9247, 21.0856, 21.5623



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.



51.9239, 55.4689, 50.6185



88.6742, 95.0649, 82.6776



50.6949, 55.8555, 50.7579



11.3899, 12.1490, 11.3074



24.5106, 26.5384, 3.8306



1.1969, 1.3292, 0.1935

Inverse Universe

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



45.7437, 47.2091, 61.3457



75.4827, 77.4347, 105.5758



46.8810, 46.8941, 61.2249



10.1768, 10.5276, 13.4131



6.9409, 3.2758, 35.0108



0.3692, 0.2361, 1.6713

Previews

White Background



This preview shows how the XYZ color 51.9224, 55.4665, 50.6173 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 51.9224, 55.4665, 50.6173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

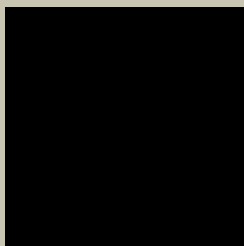
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

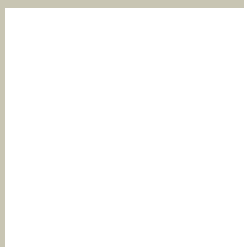
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9224, 55.4665, 50.6173

Background



This preview shows how black text looks on a background with the XYZ color 51.9224, 55.4665, 50.6173.



This preview shows how white text looks on a background with the XYZ color 51.9224, 55.4665,

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

51.9224, 55.4665, 50.6173

Protanopia

52.6776, 55.5316, 50.0617

Deuteranopia

56.2546, 55.0626, 50.8432



Tritanopia

55.3570, 55.5314, 67.4755

Trichromacy



Original Color

51.9224, 55.4665, 50.6173

Protanomaly

52.4044, 55.3907, 50.0489

Deuteranomaly

54.5284, 55.1407, 50.9493

Tritanomaly

53.9984, 55.3113, 60.6534

Monochromacy



Original Color

51.9224, 55.4665, 50.6173

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0601, 55.0679, 56.6005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9224, 55.4665, 50.6173 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(200, 197, 179)` looks like.

```
.text, #text, p{  
    color:rgb(200, 197, 179)  
}
```

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(200, 197, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 197, 179) }
```

Border

The CSS property to change the border of an element to XYZ 51.9224, 55.4665, 50.6173 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(200, 197, 179) }
```


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

```
.border{ border-color:rgb(200, 197, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 197, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 197, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 197, 179);  
box-shadow:4px 4px 4px 4px rgb(200, 197,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9224, 55.4665, 50.6173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 197, 179) }
```

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

```
.background{ background-color: rgb(200,  
197, 179) }
```

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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