

Converting Colors

XYZ(51.3952, 55.2795, 62.8804)

Have a look what the booklet for
XYZ(51.3952, 55.2795, 62.8804)
contains.

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Color

**XYZ(51.3584, 55.2497,
62.6010)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC6C8
RGB	188, 198, 200
RGB Percent	74%, 78%, 78%
CMY	0.2627, 0.2235, 0.2157
CMYK	0.06, 0.01, 0.00, 0.22
HSL	190°, 10%, 76%
HSV	190°, 6%, 78%
XYZ	51.3584, 55.2497, 62.6010
YIQ	195.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

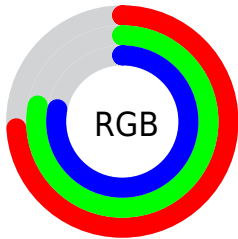
Format	Color
R _Y B	188, 193, 200
Decimal	12371656
CIE Lab	79.18, -3.03, -2.19
CIE LCh	79, 3.740, 215.892
Yxy	55.2497, 0.3035, 0.3265
Android (android.graphics.Color)	4290561736 (0xFFBCC6C8)
YUV	195.2380, 2.3477, -6.3477
Hunter-Lab	74.3301, -6.7432, 2.0969

Details

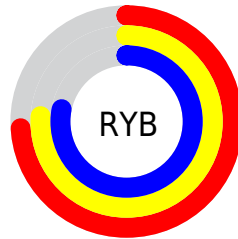
The XYZ color **51.3584, 55.2497, 62.6010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3100, 52.7364, 55.0524**, and the grayscale version is **52.0042, 54.7125, 59.5819**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **25.1532, 27.1727, 31.1133** is the 20% darker color. If you saturate the color by 10%, you get **46.0170, 51.3807, 62.1366**, and if you desaturate by 10%, it is **57.4025, 59.5088, 63.1054**.

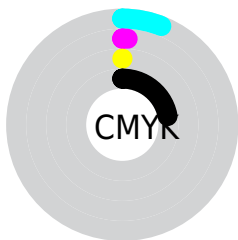
Distribution



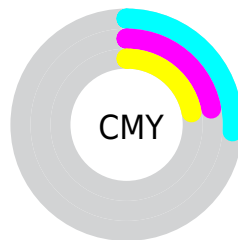
- Red (74%)
- Green (78%)
- Blue (78%)



- Red (74%)
- Yellow (76%)
- Blue (78%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (26%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3584, 55.2497, 62.6010 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 51.3584, 55.2497, 62.6010 by changing the saturation by 10% instead.

■ 51.3584, 55.2497,
62.6010

■ 51.3584, 55.2497,
62.6010

382.3194,
406.8578, 452.1880

■ 36.7161, 39.6017,
45.0796

■ 91.3642, 97.9067,
110.1737

■ 25.1604, 27.2281,
31.1767

117.4584,
125.6845, 141.0620

■ 16.3260, 17.7446,
20.4738

148.1006,
158.2743, 177.2431

■ 9.8474, 10.7668,
12.5525

183.6562,
196.0605, 219.1354

■ 5.3594, 5.9102,
6.9940

224.4905,
239.4276, 267.1575

■ 2.4966, 2.7906,
3.3800

270.9689,

■ 0.8935, 1.0234,

288.7599, 321.7279

1.2918

323.4568,
344.4418, 383.2653

■ 0.0000, 0.0000,
0.0550

■ 0.0000, 0.0000,
0.0000

■ 51.3584, 55.2497,
62.6010

■ 51.3584, 55.2497,
62.6010

■ 46.0170, 51.3807,
62.1366

■ 57.4025, 59.5088,
63.1054

■ 41.3454, 47.8802,
61.7071

■ 64.1710, 64.1647,
63.6473

■ 37.3155, 44.7350,
61.3125

■ 71.6904, 69.2329,
64.2293

■ 33.8948, 41.9282,
60.9510

■ 75.0383, 72.1759,
64.6209

■ 31.0484, 39.4416,
60.6210

■ 75.8753, 73.8498,
64.8998

■ 28.7374, 37.2550,
60.3208

■ 76.7295, 75.5582,
65.1846

■ 26.9180, 35.3458,
60.0482

■ 77.6011, 77.3013,
65.4751

■ 25.5396, 33.6875,
59.8007

■ 78.4900, 79.0792,
65.7714

■ 24.5383, 32.2472,
59.5755

■ 79.3965, 80.8922,
66.0736

Harmonies

Analogous

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



51.0977, 55.2497, 60.5807



51.3584, 55.2497, 62.6010



51.9288, 55.2497, 63.9901

Triad

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



51.3584, 55.2497, 62.6010



53.8349, 55.2497, 61.8530



52.3659, 55.2497, 56.1586

Complementary

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



51.3584, 55.2497, 62.6010



51.3100, 52.7364, 55.0524

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.



53.1019, 55.2497, 56.4811



51.3584, 55.2497, 62.6010



53.9546, 55.2497, 59.7363

Square

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



51.3584, 55.2497, 62.6010



53.3596, 55.2497, 63.5512



53.6851, 55.2497, 57.7785



51.6758, 55.2497, 56.8869

Rectangle

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



51.3584, 55.2497, 62.6010



52.4104, 55.2497, 64.3536



53.6851, 55.2497, 57.7785



52.6161, 55.2497, 56.1480

Sweetspot

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



51.3600, 55.2520, 62.6022



92.9284, 98.5053, 108.7233



50.6665, 55.7098, 56.6840



19.9127, 21.0999, 23.2731



0.0000, 0.0000, 0.0000



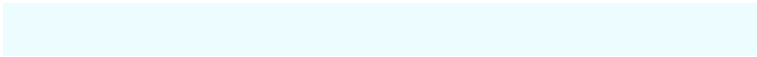
20.3446, 21.4041, 23.3091

Same Dimension

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



51.3600, 55.2520, 62.6022



87.8450, 94.8900, 108.2934



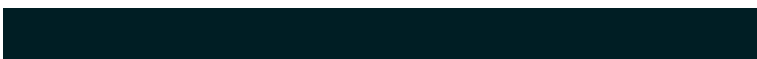
50.0587, 52.6494, 62.1684



11.0165, 11.9178, 13.6372



15.4393, 20.2726, 37.8436



0.7721, 1.0420, 1.8056

Inverse Universe

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



51.9969, 52.3239, 60.7879



89.1431, 88.9454, 104.5902



52.5922, 55.3007, 55.4798



11.1889, 11.1292, 13.1450



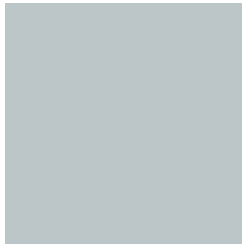
19.5924, 9.5865, 24.1272



0.9484, 0.4622, 1.2515

Previews

White Background



This preview shows how the XYZ color 51.3584, 55.2497, 62.6010 looks on a white background.

Color Contrast Check

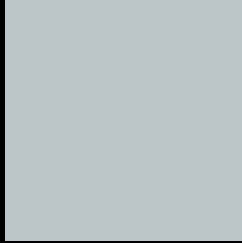
Large Text (above 18pt) WCAG AA × Fail

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 51.3584, 55.2497, 62.6010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

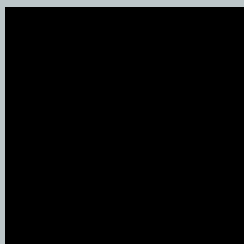
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

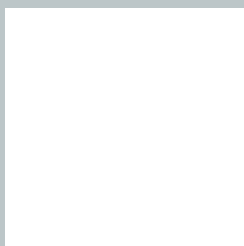
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3584, 55.2497, 62.6010

Background



This preview shows how black text looks on a background with the XYZ color 51.3584, 55.2497, 62.6010.

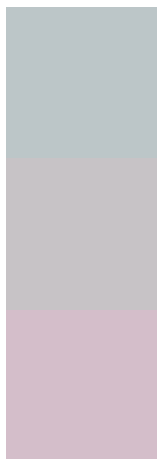


This preview shows how white text looks on a background with the XYZ color 51.3584, 55.2497,

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

51.3584, 55.2497, 62.6010

Protanopia

53.2613, 55.2495, 61.2831

Deuteranopia

56.2255, 55.0882, 63.5468



Tritanopia

52.8588, 55.1805, 70.1523

Trichromacy



Original Color

51.3584, 55.2497, 62.6010

Protanomaly

52.5544, 55.2055, 61.9186

Deuteranomaly

54.2412, 55.0535, 63.0259

Tritanomaly

52.3377, 55.3054, 67.5910

Monochromacy



Original Color

51.3584, 55.2497, 62.6010

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.5562, 54.7175, 60.6676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3584, 55.2497, 62.6010 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(188, 198, 200) looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 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(188, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 200) }
```

Border

The CSS property to change the border of an element to XYZ 51.3584, 55.2497, 62.6010 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(188, 198, 200) }
```


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

```
.border{ border-color:rgb(188, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(188, 198,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3584, 55.2497, 62.6010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 200) }
```

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

```
.background{ background-color: rgb(188,  
198, 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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