

Converting Colors

XYZ(52.3363, 55.2557, 60.9576)

Have a look what the booklet for
XYZ(52.3363, 55.2557, 60.9576)
contains.

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Color

**XYZ(52.3236, 55.1132,
60.7035)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C4C5
RGB	195, 196, 197
RGB Percent	76%, 77%, 77%
CMY	0.2353, 0.2314, 0.2274
CMYK	0.01, 0.01, 0.00, 0.23
HSL	210°, 2%, 77%
HSV	210°, 1%, 77%
XYZ	52.3236, 55.1132, 60.7035
YIQ	195.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

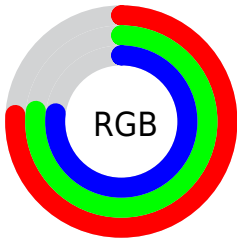
Format	Color
R_{YB}	195, 196, 197
Decimal	12829893
CIE Lab	79.11, -0.16, -0.63
CIE LCh	79, 0.649, 256.083
Yxy	55.1132, 0.3112, 0.3278
Android (android.graphics.Color)	4291019973 (0xFFC3C4C5)
YUV	195.8150, 0.5842, -0.7148
Hunter-Lab	74.2383, -4.1090, 3.4863

Details

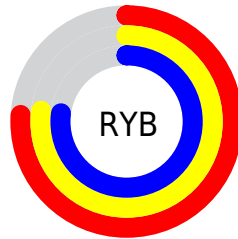
The XYZ color **52.3236, 55.1132, 60.7035** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6161, 55.2894, 59.5291**, and the grayscale version is **52.3568, 55.0835, 59.9859**.

A 20% lighter version of the original color is **93.1596, 98.1018, 107.7914**, and **25.6154, 26.9919, 29.8465** is the 20% darker color. If you saturate the color by 10%, you get **45.4241, 48.3783, 59.7680**, and if you desaturate by 10%, it is **60.0426, 62.4887, 61.7211**.

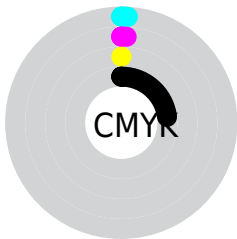
Distribution



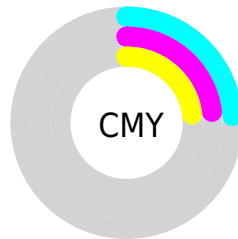
- Red (76%)
- Green (77%)
- Blue (77%)



- Red (76%)
- Yellow (77%)
- Blue (77%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3236, 55.1132, 60.7035 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 52.3236, 55.1132, 60.7035 by changing the saturation by 10% instead.

■ 52.3236, 55.1132,
60.7035

■ 52.3236, 55.1132,
60.7035

385.9881,
406.3409, 445.0624

■ 37.4884, 39.4924,
43.5569

■ 92.7797, 97.7068,
107.4029

■ 25.7613, 27.1430,
29.9877

119.1313,
125.4483, 137.7927

■ 16.7769, 17.6806,
19.5773

150.0524,
157.9989, 173.4341

■ 10.1698, 10.7209,
11.9071

185.9084,
195.7429, 214.7455

■ 5.5748, 5.8795,
6.5587

227.0646,
239.0647, 262.1455

■ 2.6265, 2.7720,
3.1135

273.8864,

■ 0.9595, 1.0139,

288.3487, 316.0526

1.1529

326.7391,
343.9793, 376.8854

■ 0.0000, 0.0000,
0.0000

■ 52.3236, 55.1132,
60.7035

■ 52.3236, 55.1132,
60.7035

■ 45.4241, 48.3783,
59.7680

■ 60.0426, 62.4887,
61.7211

■ 39.3106, 42.2579,
58.9089

■ 68.6038, 70.5157,
62.8193

■ 33.9541, 36.7345,
58.1251

■ 78.0347, 79.2140,
64.0011

■ 29.3217, 31.7868,
57.4142

■ 81.1015, 84.8579,
64.9289

■ 25.3783, 27.3921,
56.7738

■ 83.9936, 90.6421,
65.8929

■ 22.0853, 23.5261,
56.2011

■ 87.0432, 96.7412,
66.9094

■ 19.4001, 20.1618,
55.6933

■ 87.0782, 96.8113,
66.9211

■ 17.2742, 17.2694,
55.2470

■ 15.6506, 14.8141,
54.8587

Harmonies

Analogous

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



52.2110, 55.1132, 60.5239



52.3236, 55.1132, 60.7035



52.4524, 55.1132, 60.6965

Triad

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



52.3236, 55.1132, 60.7035



52.6230, 55.1132, 59.8116



52.2043, 55.1132, 59.5158

Complementary

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



52.3236, 55.1132, 60.7035



52.6161, 55.2894, 59.5291

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.



52.3145, 55.1132, 59.3266



52.3236, 55.1132, 60.7035



52.5563, 55.1132, 59.4969

Square

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



52.3236, 55.1132, 60.7035



52.6254, 55.1132, 60.1805



52.4433, 55.1132, 59.3196



52.1422, 55.1132, 59.8376

Rectangle

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



52.3236, 55.1132, 60.7035



52.5302, 55.1132, 60.5869



52.4433, 55.1132, 59.3196



52.2370, 55.1132, 59.4346

Sweetspot

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



52.3252, 55.1156, 60.7047

95.0500, 100.0000, 108.9000



52.4327, 55.5194, 60.1582



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



52.3252, 55.1156, 60.7047



93.7141, 98.7117, 108.7217



52.1069, 54.6791, 60.6320



11.8175, 12.4466, 13.6971



9.6383, 8.6706, 35.9100



0.5288, 0.5554, 1.7245

Inverse Universe

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



52.5060, 54.8869, 60.0543



94.0380, 98.3022, 107.5570



52.8358, 55.7287, 59.6023



11.8553, 12.3989, 13.5614



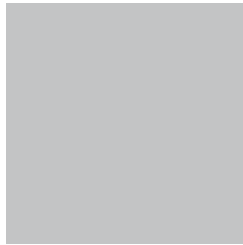
16.6643, 8.4153, 8.7081



0.8256, 0.4131, 0.6048

Previews

White Background



This preview shows how the XYZ color 52.3236, 55.1132, 60.7035 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 52.3236, 55.1132, 60.7035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

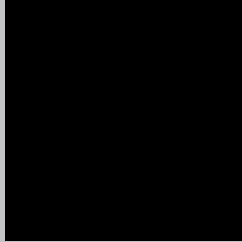
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3236, 55.1132, 60.7035

Background



This preview shows how black text looks on a background with the XYZ color 52.3236, 55.1132, 60.7035.

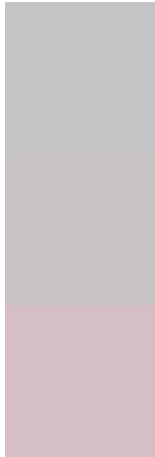


This preview shows how white text looks on a background with the XYZ color 52.3236, 55.1132,

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

52.3236, 55.1132, 60.7035

Protanopia

53.0321, 55.1578, 60.0760

Deuteranopia

56.0471, 55.0503, 61.0978



Tritanopia

53.8264, 55.0573, 68.1118

Trichromacy



Original Color

52.3236, 55.1132, 60.7035

Protanomaly

52.7676, 55.0215, 60.0636

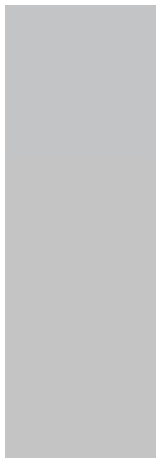
Deuteranomaly

54.4963, 54.8983, 61.1502

Tritanomaly

53.2995, 55.1738, 65.5980

Monochromacy



Original Color

52.3236, 55.1132, 60.7035

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.4687, 55.2011, 60.1140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3236, 55.1132, 60.7035 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(195, 196, 197) looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 197)  
}
```

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(195, 196, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 197) }
```

Border

The CSS property to change the border of an element to XYZ 52.3236, 55.1132, 60.7035 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(195, 196, 197) }
```

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

```
.border{ border-color:rgb(195, 196, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 196, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 197);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
197) }
```


Background

The CSS property to change the background color of an element to XYZ 52.3236, 55.1132, 60.7035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 197) }
```

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

```
.background{ background-color: rgb(195,  
196, 197) }
```

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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