

Converting Colors

XYZ(52.2358, 55.8083, 55.3032)

Have a look what the booklet for
XYZ(52.2358, 55.8083, 55.3032)
contains.

XYZ(52.1897, 55.8463, 55.0424)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.1897, 55.8463,
55.0424)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C6BB
RGB	197, 198, 187
RGB Percent	77%, 78%, 73%
CMY	0.2274, 0.2235, 0.2667
CMYK	0.01, 0.00, 0.06, 0.22
HSL	65°, 9%, 75%
HSV	65°, 6%, 78%
XYZ	52.1897, 55.8463, 55.0424
YIQ	196.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

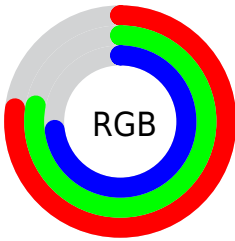
Format	Color
RYB	187, 198, 188
Decimal	12961467
CIELab	79.53, -2.32, 5.38
CIELCh	80, 5.856, 113.294
Yxy	55.8463, 0.3200, 0.3425
Android (android.graphics.Color)	4291151547 (0xFFC5C6BB)
YUV	196.4470, -4.6574, 0.4850
Hunter-Lab	74.7304, -6.1185, 8.6414

Details

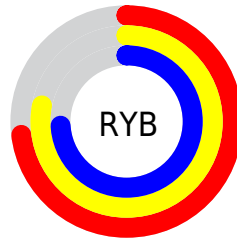
The XYZ color **52.1897, 55.8463, 55.0424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7044, 50.3107, 60.5728**, and the grayscale version is **52.7649, 55.5128, 60.4535**.

A 20% lighter version of the original color is **92.8107, 99.0619, 99.0232**, and **25.6040, 27.5074, 26.5142** is the 20% darker color. If you saturate the color by 10%, you get **49.7451, 54.8160, 44.6154**, and if you desaturate by 10%, it is **54.9354, 57.0013, 67.0115**.

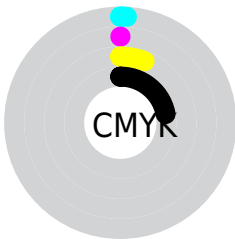
Distribution



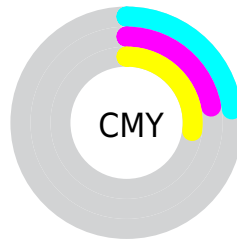
- Red (77%)
- Green (78%)
- Blue (73%)



- Red (73%)
- Yellow (78%)
- Blue (74%)



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



- Cyan (23%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1897, 55.8463, 55.0424 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 52.1897, 55.8463, 55.0424 by changing the saturation by 10% instead.

■ 52.1897, 55.8463,
55.0424

■ 52.1897, 55.8463,
55.0424

385.4805,
409.1120, 423.3591

■ 37.3812, 40.0797,
39.0368

■ 92.5835, 98.7798,
99.0748

■ 25.6778, 27.6007,
26.4803

118.8995,
126.7155, 127.9388

■ 16.7142, 18.0249,
16.9543

149.7821,
159.4764, 161.9260

■ 10.1249, 10.9678,
10.0403

185.5965,
197.4468, 201.4549

■ 5.5448, 6.0452,
5.3198

226.7082,
241.0112, 246.9442

■ 2.6083, 2.8726,
2.3741

273.4826,

■ 0.9502, 1.0656,

290.5539, 298.8123

0.7723

326.2849,
346.4594, 357.4777

■ 0.0000, 0.0000,
0.0000

■ 52.1897, 55.8463,
55.0424

■ 52.1897, 55.8463,
55.0424

■ 49.7451, 54.8160,
44.6154

■ 54.9354, 57.0013,
67.0115

■ 47.5850, 53.8983,
35.6642

■ 57.9888, 58.2783,
80.5781

■ 45.6983, 53.0906,
28.1233

■ 61.3620, 59.6839,
95.7993

■ 44.0713, 52.3875,
21.9205

■ 63.2084, 60.4793,
102.9500

■ 42.6890, 51.7829,
16.9775

■ 63.7069, 60.7363,
102.9733

■ 41.5351, 51.2702,
13.2077

■ 64.2112, 60.9963,
102.9969

■ 40.5909, 50.8421,
10.5137

■ 64.7212, 61.2592,
103.0208

■ 39.8351, 50.4900,
8.7825

■ 65.2371, 61.5252,
103.0449

■ 39.2411, 50.2033,
7.8746

■ 65.7588, 61.7941,
103.0693

Harmonies

Analogous

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



53.3451, 55.8463, 54.5905



52.1897, 55.8463, 55.0424



51.2852, 55.8463, 57.0123

Triad

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



52.1897, 55.8463, 55.0424



51.7381, 55.8463, 66.1565



55.3613, 55.8463, 61.5677

Complementary

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



52.1897, 55.8463, 55.0424



48.7044, 50.3107, 60.5728

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.



54.9166, 55.8463, 64.7667



52.1897, 55.8463, 55.0424



52.8162, 55.8463, 67.4787

Square

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



52.1897, 55.8463, 55.0424



51.0272, 55.8463, 63.4082



53.9808, 55.8463, 66.9609



55.1876, 55.8463, 58.2782

Rectangle

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



52.1897, 55.8463, 55.0424



50.9406, 55.8463, 58.9617



53.9808, 55.8463, 66.9609



55.2790, 55.8463, 62.6907

Sweetspot

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



52.1912, 55.8487, 55.0436



94.0687, 99.5878, 104.6247



50.2255, 51.5259, 54.3128



20.1449, 21.3202, 22.4388



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.



52.1912, 55.8487, 55.0436



91.7117, 98.5958, 94.4329



50.7985, 55.1307, 54.9784



11.5298, 12.4102, 11.7974



25.4031, 32.5911, 4.9518



1.2314, 1.5579, 0.2358

Inverse Universe

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



48.7044, 50.3107, 60.5728



83.8992, 86.1873, 106.8216



50.0638, 51.0114, 60.6365



10.4928, 10.7630, 13.4419



6.8239, 2.7521, 34.9159



0.3546, 0.1466, 1.6547

Previews

White Background



This preview shows how the XYZ color 52.1897, 55.8463, 55.0424 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 52.1897, 55.8463, 55.0424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

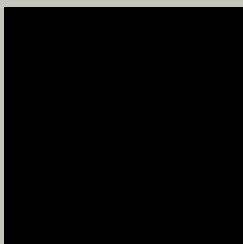
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

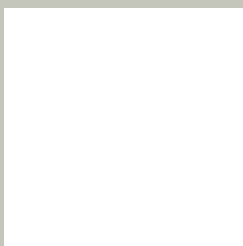
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1897, 55.8463, 55.0424

Background



This preview shows how black text looks on a background with the XYZ color 52.1897, 55.8463, 55.0424.



This preview shows how white text looks on a background with the XYZ color 52.1897, 55.8463,

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

52.1897, 55.8463, 55.0424

Protanopia

53.2315, 55.7215, 54.4041

Deuteranopia

56.8122, 55.5611, 55.8742



Tritanopia

54.9674, 55.9627, 68.8776

Trichromacy



Original Color

52.1897, 55.8463, 55.0424

Protanomaly

52.9166, 55.8952, 54.4542

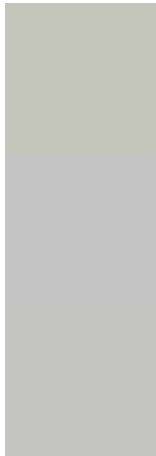
Deuteranomaly

55.0110, 55.6197, 55.4132

Tritanomaly

53.9538, 55.8862, 63.8206

Monochromacy



Original Color

52.1897, 55.8463, 55.0424

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3568, 55.5185, 58.4087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1897, 55.8463, 55.0424 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(197, 198, 187) looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 187)  
}
```

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(197, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 187) }
```

Border

The CSS property to change the border of an element to XYZ 52.1897, 55.8463, 55.0424 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(197, 198, 187) }
```


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

```
.border{ border-color:rgb(197, 198, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 187);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1897, 55.8463, 55.0424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 187) }
```

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

```
.background{ background-color: rgb(197,  
198, 187) }
```

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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