

Converting Colors

XYZ(55.7165, 65.0202, 52.7295)

Have a look what the booklet for
XYZ(55.7165, 65.0202, 52.7295)
contains.

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Color

**XYZ(55.8153, 65.0402,
52.7923)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DAB4
RGB	195, 218, 180
RGB Percent	76%, 85%, 71%
CMY	0.2353, 0.1451, 0.2941
CMYK	0.11, 0.00, 0.17, 0.15
HSL	96°, 34%, 78%
HSV	96°, 17%, 85%
XYZ	55.8153, 65.0402, 52.7923
YIQ	206.7910, -1.5100, -16.6940

Conversions

Conversions Part 2

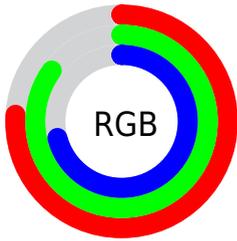
Format	Color
R _{YB}	180, 218, 203
Decimal	12835508
CIE Lab	84.50, -14.50, 16.16
CIE LCh	85, 21.716, 131.903
Yxy	65.0402, 0.3214, 0.3746
Android (android.graphics.Color)	4291025588 (0xFFC3DAB4)
YUV	206.7910, -13.2080, -10.3407
Hunter-Lab	80.6475, -17.5951, 17.6417

Details

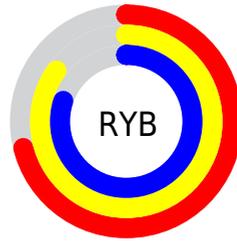
The XYZ color **55.8153, 65.0402, 52.7923** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.6074, 50.4029, 73.2364**, and the grayscale version is **59.2582, 62.3442, 67.8928**.

A 20% lighter version of the original color is **91.0452, 98.2716, 93.5266**, and **27.9125, 33.3894, 25.0523** is the 20% darker color. If you saturate the color by 10%, you get **50.5069, 62.5423, 41.8486**, and if you desaturate by 10%, it is **61.7779, 67.8388, 65.5927**.

Distribution



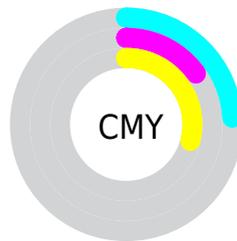
- Red (76%)
- Green (85%)
- Blue (71%)



- Red (71%)
- Yellow (85%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8153, 65.0402, 52.7923 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 55.8153, 65.0402, 52.7923 by changing the saturation by 10% instead.

 55.8153, 65.0402,
52.7923

 55.8153, 65.0402,
52.7923

399.0814,
442.9364, 414.5314

 40.2913, 47.4937,
37.2504

 97.8759, 112.1077,
95.7371

 27.9509, 33.4261,
25.1041

125.1431,
142.3974, 123.9771

 18.4289, 22.4531,
15.9349

157.0554,
177.7036, 157.2869

 11.3599, 14.1902,
9.3243

193.9783,
218.4108, 196.0850

 6.3785, 8.2531,
4.8536

236.2769,
264.9032, 240.7900

 3.1194, 4.2573,
2.1044

284.3168,

 1.2172, 1.8185,

317.5654, 291.8203

0.6184

338.4631,
376.7817, 349.5946

■ 0.1199, 0.4987,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8153, 65.0402,
52.7923

■ 55.8153, 65.0402,
52.7923

■ 50.5069, 62.5423,
41.8486

■ 61.7779, 67.8388,
65.5927

■ 45.8235, 60.3262,
32.6712

■ 68.4122, 70.9397,
80.3260

■ 41.7410, 58.3834,
25.1685

■ 75.7415, 74.3551,
97.0694

■ 38.2320, 56.7021,
19.2391

■ 81.7583, 77.2828,
105.2157

■ 35.2662, 55.2690,
14.7704

■ 84.3627, 78.6254,
105.3376

■ 32.8103, 54.0697,
11.6350

■ 30.8260, 53.0880,
9.6835

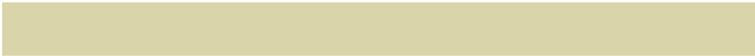
■ 29.2646, 52.3029,
8.7138

■ 28.9143, 52.1258,
8.5374

Harmonies

Analogous

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



59.9210, 65.0402, 47.8294



55.8153, 65.0402, 52.7923



53.3963, 65.0402, 62.8652

Triad

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



55.8153, 65.0402, 52.7923



58.9757, 65.0402, 99.2601



71.3690, 65.0402, 65.4668

Complementary

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



55.8153, 65.0402, 52.7923



53.6074, 50.4029, 73.2364

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.



71.0833, 65.0402, 79.4142



55.8153, 65.0402, 52.7923



63.7562, 65.0402, 100.1955

Square

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



55.8153, 65.0402, 52.7923



55.1544, 65.0402, 90.1298



68.2380, 65.0402, 92.5398



68.9994, 65.0402, 54.4824

Rectangle

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



55.8153, 65.0402, 52.7923



52.9849, 65.0402, 71.7057



68.2380, 65.0402, 92.5398



71.5836, 65.0402, 69.9371

Sweetspot

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



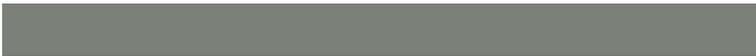
55.8170, 65.0430, 52.7937



90.2820, 97.7713, 98.3148



58.4630, 60.8208, 51.8393



19.1849, 20.8620, 20.7372



0.0000, 0.0000, 0.0000



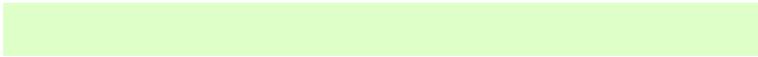
20.3446, 21.4041, 23.3091

Same Dimension

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



55.8170, 65.0430, 52.7937



76.6594, 91.3804, 69.1341



52.5265, 63.3013, 54.6887



13.3703, 14.8556, 13.8883



17.4349, 31.2855, 5.1198



1.2247, 2.0759, 0.3361

Inverse Universe

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



53.6074, 50.4029, 73.2364



72.9291, 66.6730, 103.6331



57.4004, 52.4150, 70.8473



13.0911, 13.0051, 16.4724



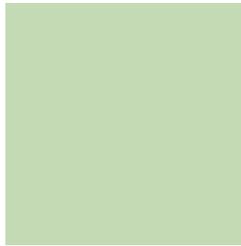
13.4029, 6.0336, 40.1966



0.9642, 0.4403, 2.6086

Previews

White Background



This preview shows how the XYZ color 55.8153, 65.0402, 52.7923 looks on a white background.

Color Contrast Check

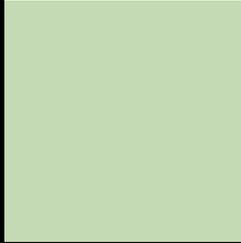
Large Text (above 18pt) WCAG AA × Fail

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 55.8153, 65.0402, 52.7923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

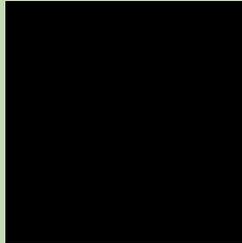
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

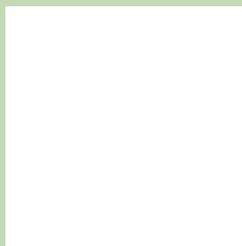
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8153, 65.0402, 52.7923

Background



This preview shows how black text looks on a background with the XYZ color 55.8153, 65.0402, 52.7923.



This preview shows how white text looks on a background with the XYZ color 55.8153, 65.0402,

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

55.8153, 65.0402, 52.7923

Protanopia

61.0073, 64.7574, 50.3583

Deuteranopia

66.1788, 64.8315, 53.8255



Tritanopia

61.6550, 64.7465, 82.6466

Trichromacy



Original Color

55.8153, 65.0402, 52.7923

Protanomaly

58.8814, 64.7599, 50.9915

Deuteranomaly

61.7398, 64.3364, 53.4201

Tritanomaly

59.3576, 64.9384, 71.0339

Monochromacy



Original Color

55.8153, 65.0402, 52.7923

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.0009, 63.3163, 61.9876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8153, 65.0402, 52.7923 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, 218, 180)` looks like.

```
.text, #text, p{  
    color:rgb(195, 218, 180)  
}
```

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, 218, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 218, 180) }
```

Border

The CSS property to change the border of an element to XYZ 55.8153, 65.0402, 52.7923 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, 218, 180) }
```

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

```
.border{ border-color:rgb(195, 218, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 218, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 218, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 218, 180);  
box-shadow:4px 4px 4px 4px rgb(195, 218,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8153, 65.0402, 52.7923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 218, 180) }
```

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

```
.background{ background-color: rgb(195,  
218, 180) }
```

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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