

Converting Colors

XYZ(55.8292, 64.2634, 52.7865)

Have a look what the booklet for
XYZ(55.8292, 64.2634, 52.7865)
contains.

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Color

**XYZ(55.8200, 64.2773,
52.6448)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D8B4
RGB	197, 216, 180
RGB Percent	77%, 85%, 71%
CMY	0.2274, 0.1529, 0.2941
CMYK	0.09, 0.00, 0.17, 0.15
HSL	92°, 32%, 78%
HSV	92°, 17%, 85%
XYZ	55.8200, 64.2773, 52.6448
YIQ	206.2150, 0.2320, -15.2240

Conversions

Conversions Part 2

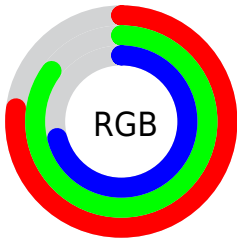
Format	Color
R _{YB}	180, 216, 199
Decimal	12966068
CIE Lab	84.11, -12.79, 15.63
CIE LCh	84, 20.196, 129.298
Yxy	64.2773, 0.3231, 0.3721
Android (android.graphics.Color)	4291156148 (0xFFC5D8B4)
YUV	206.2150, -12.9240, -8.0816
Hunter-Lab	80.1731, -16.0235, 17.1891

Details

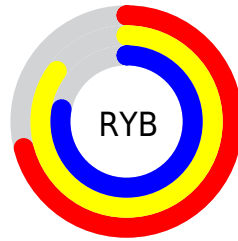
The XYZ color **55.8200, 64.2773, 52.6448** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.2718, 49.7443, 71.8157**, and the grayscale version is **58.8855, 61.9521, 67.4658**.

A 20% lighter version of the original color is **91.7734, 98.6470, 93.5607**, and **27.9033, 32.8617, 24.9510** is the 20% darker color. If you saturate the color by 10%, you get **50.9157, 61.9857, 41.8101**, and if you desaturate by 10%, it is **61.2966, 66.8281, 65.2990**.

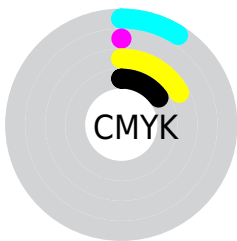
Distribution



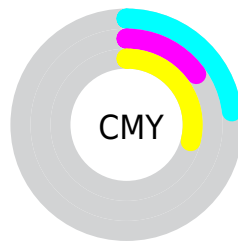
- Red (77%)
- Green (85%)
- Blue (71%)



- Red (71%)
- Yellow (85%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)





- Cyan (23%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8200, 64.2773, 52.6448 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 55.8200, 64.2773, 52.6448 by changing the saturation by 10% instead.


 55.8200, 64.2773,
52.6448

 55.8200, 64.2773,
52.6448

399.0988,
440.1903, 413.9484

 40.2951, 46.8753,
37.1335


 97.8827, 111.0102,
95.5177

 27.9539, 32.9371,
25.0143


125.1511,
141.1099, 123.7165

 18.4312, 22.0783,
15.8686


157.0648,
176.2109, 156.9814

 11.3616, 13.9144,
9.2779

193.9891,
216.6977, 195.7311

 6.3797, 8.0612,
4.8236

236.2892,
262.9547, 240.3841

 3.1201, 4.1341,
2.0872


284.3307,

 1.2176, 1.7489,


315.3662, 291.3590


0.6081


338.4788,
374.3166, 349.0743


 0.1202, 0.4550,
0.0000

 0.0000, 0.0000,
0.0000


 55.8200, 64.2773,
52.6448


 55.8200, 64.2773,
52.6448


 50.9157, 61.9857,
41.8101


 61.2966, 66.8281,
65.2990


 46.5577, 59.9361,
32.7071

 67.3598, 69.6381,
79.8468

 42.7256, 58.1217,
25.2469

 74.0302, 72.7181,
96.3631

 39.3953, 56.5323,
19.3313

 79.4342, 75.3193,
104.9592

■ 36.5406, 55.1569,
14.8512

■ 83.4838, 77.4070,
105.1487

■ 34.1326, 53.9831,
11.6837

■ 83.8472, 77.5943,
105.1657

■ 32.1379, 52.9970,
9.6850

■ 30.5151, 52.1812,
8.6704

■ 30.0352, 51.9383,
8.4421

Harmonies

Analogous

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



59.7181, 64.2773, 48.4342



55.8200, 64.2773, 52.6448



53.4154, 64.2773, 61.6566

Triad

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



55.8200, 64.2773, 52.6448



58.1111, 64.2773, 95.5755



69.9562, 64.2773, 66.0921

Complementary

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



55.8200, 64.2773, 52.6448



52.2718, 49.7443, 71.8157

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.



69.4745, 64.2773, 79.0359



55.8200, 64.2773, 52.6448



62.4902, 64.2773, 97.1391

Square

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



55.8200, 64.2773, 52.6448



54.6928, 64.2773, 86.7287



66.6894, 64.2773, 90.7723



67.9754, 64.2773, 55.5517

Rectangle

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



55.8200, 64.2773, 52.6448



52.9112, 64.2773, 69.6866



66.6894, 64.2773, 90.7723



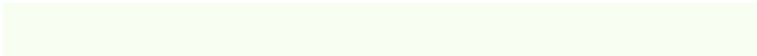
70.0790, 64.2773, 70.2884

Sweetspot

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



55.8217, 64.2801, 52.6462



90.6318, 97.9517, 98.3312



56.8911, 58.5597, 51.4857



19.2698, 20.9058, 20.7412



0.0000, 0.0000, 0.0000



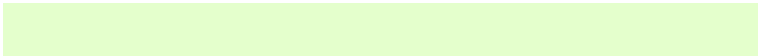
20.3446, 21.4041, 23.3091

Same Dimension

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



55.8217, 64.2801, 52.6462



78.6793, 92.3866, 70.8123



51.6797, 62.1377, 52.7722



12.8144, 14.1805, 13.2224



17.8995, 30.8038, 5.0023



1.1748, 1.9070, 0.3062

Inverse Universe

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



52.2718, 49.7443, 71.8157



72.5721, 67.3814, 103.7887



56.9599, 52.1701, 71.6309



12.3620, 12.3280, 15.6655



11.5707, 5.1174, 38.8311



0.7932, 0.3578, 2.3466

Previews

White Background



This preview shows how the XYZ color 55.8200, 64.2773, 52.6448 looks on a white background.

Color Contrast Check

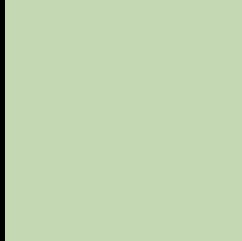
Large Text (above 18pt) WCAG AA × Fail

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 55.8200, 64.2773, 52.6448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

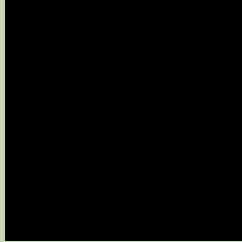
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

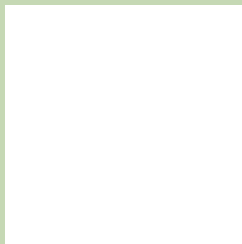
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8200, 64.2773, 52.6448

Background



This preview shows how black text looks on a background with the XYZ color 55.8200, 64.2773, 52.6448.



This preview shows how white text looks on a background with the XYZ color 55.8200, 64.2773,

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

55.8200, 64.2773, 52.6448

Protanopia

60.5551, 64.1474, 50.7851

Deuteranopia

65.2644, 64.0107, 53.7152



Tritanopia

61.6759, 64.4215, 81.1354

Trichromacy



Original Color

55.8200, 64.2773, 52.6448

Protanomaly

58.7307, 64.2984, 51.4349

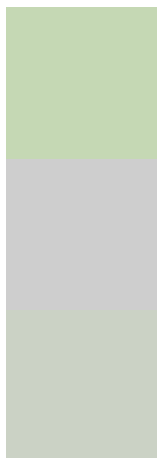
Deuteranomaly

61.4968, 63.8503, 53.3391

Tritanomaly

59.1395, 64.1079, 69.5787

Monochromacy



Original Color

55.8200, 64.2773, 52.6448

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.7532, 62.8209, 61.9051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8200, 64.2773, 52.6448 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, 216, 180)` looks like.

```
.text, #text, p{  
    color:rgb(197, 216, 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(197, 216, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 216, 180) }
```

Border

The CSS property to change the border of an element to XYZ 55.8200, 64.2773, 52.6448 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, 216, 180) }
```


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

```
.border{ border-color:rgb(197, 216, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 216, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 216, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 216, 180);  
box-shadow:4px 4px 4px 4px rgb(197, 216,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8200, 64.2773, 52.6448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 216, 180) }
```

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

```
.background{ background-color: rgb(197,  
216, 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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