

Converting Colors

XYZ(55.7546, 64.1702, 54.9478)

Have a look what the booklet for
XYZ(55.7546, 64.1702, 54.9478)
contains.

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Color

**XYZ(55.7133, 64.1745,
54.7979)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D8B8
RGB	195, 216, 184
RGB Percent	76%, 85%, 72%
CMY	0.2353, 0.1529, 0.2784
CMYK	0.10, 0.00, 0.15, 0.15
HSL	99°, 29%, 78%
HSV	99°, 15%, 85%
XYZ	55.7133, 64.1745, 54.7979
YIQ	206.0730, -2.2440, -14.4040

Conversions

Conversions Part 2

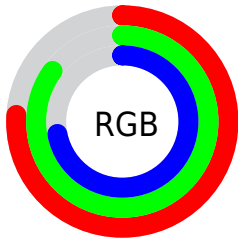
Format	Color
RYB	184, 216, 205
Decimal	12835000
CIELab	84.06, -12.83, 13.43
CIELCh	84, 18.569, 133.697
Yxy	64.1745, 0.3189, 0.3674
Android (android.graphics.Color)	4291025080 (0xFFC3D8B8)
YUV	206.0730, -10.8820, -9.7110
Hunter-Lab	80.1090, -16.0496, 15.5195

Details

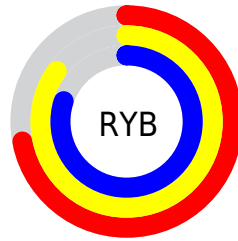
The XYZ color **55.7133, 64.1745, 54.7979** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.7144, 52.2197, 72.1647**, and the grayscale version is **58.7829, 61.8442, 67.3484**.

A 20% lighter version of the original color is **91.6331, 98.5067, 96.6222**, and **27.8261, 32.7912, 26.3355** is the 20% darker color. If you saturate the color by 10%, you get **50.1295, 61.5398, 43.6060**, and if you desaturate by 10%, it is **61.9942, 67.1324, 67.8299**.

Distribution



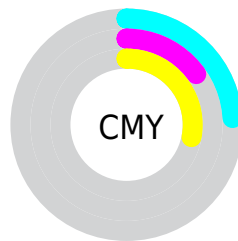
- Red (76%)
- Green (85%)
- Blue (72%)



- Red (72%)
- Yellow (85%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7133, 64.1745, 54.7979 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 55.7133, 64.1745, 54.7979 by changing the saturation by 10% instead.

■ 55.7133, 64.1745,
54.7979

■ 55.7133, 64.1745,
54.7979

398.7027,
439.8195, 422.4057

■ 40.2092, 46.7920,
38.8424

■ 97.7275, 110.8622,
98.7130

■ 27.8866, 32.8713,
26.3303

124.9683,
140.9362, 127.5096

■ 18.3802, 22.0279,
16.8429

156.8521,
176.0095, 161.4238

■ 11.3247, 13.8774,
9.9618

193.7442,
216.4666, 200.8740

■ 6.3545, 8.0354,
5.2684

236.0099,
262.6917, 246.2787

■ 3.1045, 4.1176,
2.3441

284.0147,

■ 1.2093, 1.7396,

315.0693, 298.0566

0.7558

338.1238,
373.9838, 356.6260

■ 0.1137, 0.4491,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7133, 64.1745,
54.7979

■ 55.7133, 64.1745,
54.7979

■ 50.1295, 61.5398,
43.6060

■ 61.9942, 67.1324,
67.8299

■ 45.2122, 59.2087,
34.1671

■ 68.9909, 70.4157,
82.7752

■ 40.9364, 57.1720,
26.3936

■ 76.7277, 74.0375,
99.7083

■ 37.2731, 55.4171,
20.1885

■ 82.6458, 76.9750,
105.1095

■ 34.1911, 53.9300,
15.4448

■ 83.8471, 77.5942,
105.1657

■ 31.6557, 52.6957,
12.0422

■ 29.6282, 51.6971,
9.8410

■ 28.0628, 50.9144,
8.6710

■ 27.3998, 50.5797,
8.3187

Harmonies

Analogous

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



59.1493, 64.1745, 50.1655



55.7133, 64.1745, 54.7979



53.7422, 64.1745, 63.7304

Triad

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



55.7133, 64.1745, 54.7979



58.8108, 64.1745, 93.8462



68.9752, 64.1745, 64.6674

Complementary

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



55.7133, 64.1745, 54.7979



54.7144, 52.2197, 72.1647

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.



68.8746, 64.1745, 76.4026



55.7133, 64.1745, 54.7979



62.8806, 64.1745, 94.1700

Square

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



55.7133, 64.1745, 54.7979



55.4751, 64.1745, 86.6512



66.6024, 64.1745, 87.4916



66.8714, 64.1745, 55.4174

Rectangle

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



55.7133, 64.1745, 54.7979



53.4666, 64.1745, 71.3401



66.6024, 64.1745, 87.4916



69.2009, 64.1745, 68.4304

Sweetspot

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



55.7150, 64.1773, 54.7993



91.0308, 98.1128, 100.3660



58.7567, 61.6293, 54.1472



19.3267, 20.9261, 21.1499



0.0000, 0.0000, 0.0000



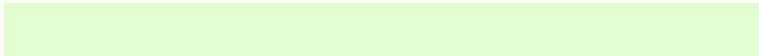
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7150, 64.1773, 54.7993



78.2937, 92.1160, 74.0402



53.4885, 62.9703, 57.3670



12.6608, 14.1014, 13.2152



16.3218, 29.9905, 4.9285



1.0720, 1.8540, 0.3014

Inverse Universe

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



54.7144, 52.2197, 72.1647



76.5473, 71.2598, 104.3278



57.2447, 53.5948, 69.0902



12.5193, 12.4091, 15.6729



14.0348, 6.3877, 38.9464



0.9338, 0.4303, 2.3531

Previews

White Background



This preview shows how the XYZ color 55.7133, 64.1745, 54.7979 looks on a white background.

Color Contrast Check

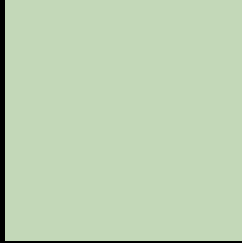
Large Text (above 18pt) WCAG AA × Fail

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 55.7133, 64.1745, 54.7979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

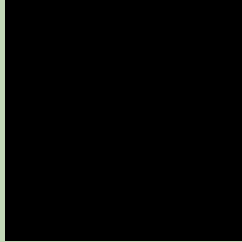
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7133, 64.1745, 54.7979

Background



This preview shows how black text looks on a background with the XYZ color 55.7133, 64.1745, 54.7979.



This preview shows how white text looks on a background with the XYZ color 55.7133, 64.1745,

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

55.7133, 64.1745, 54.7979

Protanopia

60.5539, 64.1119, 52.3633

Deuteranopia

65.3501, 64.0061, 55.9238



Tritanopia

61.2688, 64.1958, 81.8349

Trichromacy



Original Color

55.7133, 64.1745, 54.7979

Protanomaly

58.7479, 64.2720, 53.0255

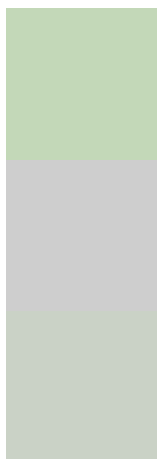
Deuteranomaly

61.3000, 63.7004, 55.5189

Tritanomaly

58.8545, 63.9322, 70.8662

Monochromacy



Original Color

55.7133, 64.1745, 54.7979

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.5968, 62.7270, 62.4979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7133, 64.1745, 54.7979 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, 216, 184)` looks like.

```
.text, #text, p{  
    color:rgb(195, 216, 184)  
}
```

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, 216, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 216, 184) }
```

Border

The CSS property to change the border of an element to XYZ 55.7133, 64.1745, 54.7979 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, 216, 184) }
```


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

```
.border{ border-color:rgb(195, 216, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 216, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 216, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 216, 184); box-shadow:4px 4px 4px 4px rgb(195, 216, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7133, 64.1745, 54.7979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 216, 184) }
```

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

```
.background{ background-color: rgb(195,  
216, 184) }
```

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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