

Converting Colors

XYZ(55.4103, 64.0217, 51.6514)

Have a look what the booklet for
XYZ(55.4103, 64.0217, 51.6514)
contains.

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Color

**XYZ(55.3567, 64.0618,
51.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D8B2
RGB	196, 216, 178
RGB Percent	77%, 85%, 70%
CMY	0.2314, 0.1529, 0.3020
CMYK	0.09, 0.00, 0.18, 0.15
HSL	92°, 33%, 77%
HSV	92°, 18%, 85%
XYZ	55.3567, 64.0618, 51.5670
YIQ	205.6880, 0.2780, -16.0580

Conversions

Conversions Part 2

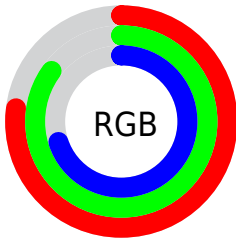
Format	Color
R _Y B	178, 216, 198
Decimal	12900530
CIE Lab	84.00, -13.47, 16.51
CIE LCh	84, 21.312, 129.203
Yxy	64.0618, 0.3238, 0.3747
Android (android.graphics.Color)	4291090610 (0xFFC4D8B2)
YUV	205.6880, -13.6502, -8.4964
Hunter-Lab	80.0386, -16.6125, 17.8279

Details

The XYZ color **55.3567, 64.0618, 51.5670** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.6062, 48.8061, 71.6697**, and the grayscale version is **58.5525, 61.6018, 67.0844**.

A 20% lighter version of the original color is **91.1193, 98.3432, 92.0215**, and **27.6019, 32.7212, 24.2631** is the 20% darker color. If you saturate the color by 10%, you get **50.5106, 61.7966, 40.8967**, and if you desaturate by 10%, it is **60.7719, 66.5847, 64.0493**.

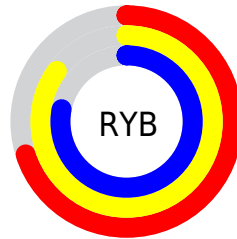
Distribution



Red (77%)

Green (85%)

Blue (70%)



Red (70%)

Yellow (85%)

Blue (78%)

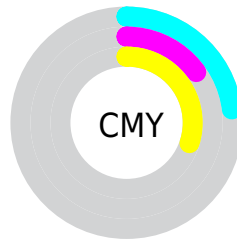


Cyan (9%)

Magenta (0%)

Yellow (18%)

Black (15%)



Cyan (23%)

Magenta (15%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3567, 64.0618, 51.5670 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 55.3567, 64.0618, 51.5670 by changing the saturation by 10% instead.

■ 55.3567, 64.0618,
51.5670

■ 55.3567, 64.0618,
51.5670

397.3771,
439.4128, 409.6720

■ 39.9224, 46.7007,
36.2802

■ 97.2087, 110.6999,
93.9124

■ 27.6619, 32.7991,
24.3593

124.3570,
140.7458, 121.8081

■ 18.2101, 21.9726,
15.3857

156.1407,
175.7887, 154.7438

■ 11.2016, 13.8368,
8.9409

192.9251,
216.2130, 193.1381

■ 6.2709, 8.0072,
4.6064

235.0756,
262.4032, 237.4096

■ 3.0527, 4.0996,
1.9635

282.9575,

■ 1.1817, 1.7294,

314.7436, 287.9767

0.5327

336.9362,
373.6187, 345.2579

■ 0.0918, 0.4426,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3567, 64.0618,
51.5670

■ 55.3567, 64.0618,
51.5670

■ 50.5106, 61.7966,
40.8967

■ 60.7719, 66.5847,
64.0493

■ 46.2077, 59.7720,
31.9499

■ 66.7708, 69.3654,
78.4180

■ 42.4273, 57.9810,
24.6373

■ 73.3738, 72.4148,
94.7485

■ 39.1453, 56.4136,
18.8595

■ 79.0471, 75.1197,
104.9411

■ 36.3354, 55.0585,
14.5065

■ 83.0608, 77.1889,
105.1289

■ 33.9682, 53.9032,
11.4537

■ 83.8471, 77.5942,
105.1657

■ 32.0099, 52.9337,
9.5549

■ 30.4162, 52.1314,
8.6085

■ 30.0713, 51.9569,
8.4438

Harmonies

Analogous

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



59.4558, 64.0618, 47.2080



55.3567, 64.0618, 51.5670



52.8298, 64.0618, 60.9655

Triad

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



55.3567, 64.0618, 51.5670



57.7380, 64.0618, 96.8351



70.2465, 64.0618, 65.6969

Complementary

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



55.3567, 64.0618, 51.5670



51.6062, 48.8061, 71.6697

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.



69.7284, 64.0618, 79.3455



55.3567, 64.0618, 51.5670



62.3447, 64.0618, 98.5279

Square

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



55.3567, 64.0618, 51.5670



54.1547, 64.0618, 87.4122



66.7778, 64.0618, 91.7777



68.1592, 64.0618, 54.6473

Rectangle

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



55.3567, 64.0618, 51.5670



52.2971, 64.0618, 69.3932



66.7778, 64.0618, 91.7777



70.3735, 64.0618, 70.1129

Sweetspot

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



55.3584, 64.0646, 51.5684



90.6385, 97.9551, 98.3315



56.4675, 58.0364, 50.3464



19.2714, 20.9066, 20.7413



0.0000, 0.0000, 0.0000



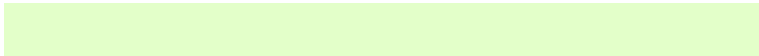
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3584, 64.0646, 51.5684



77.9752, 92.0587, 69.1957



51.0174, 61.8194, 51.6980



12.8162, 14.1815, 13.2225



17.9210, 30.8149, 5.0033



1.1761, 1.9077, 0.3062

Inverse Universe

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



51.6062, 48.8061, 71.6697



71.5585, 65.9664, 103.5690



56.5546, 51.3666, 71.4745



12.3603, 12.3271, 15.6654



11.5461, 5.1047, 38.8299



0.7917, 0.3570, 2.3465

Previews

White Background



This preview shows how the XYZ color 55.3567, 64.0618, 51.5670 looks on a white background.

Color Contrast Check

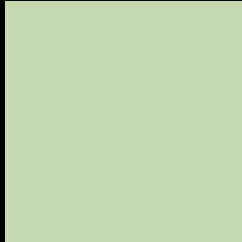
Large Text (above 18pt) WCAG AA × Fail

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 55.3567, 64.0618, 51.5670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

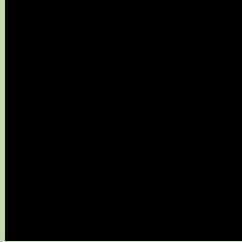
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3567, 64.0618, 51.5670

Background



This preview shows how black text looks on a background with the XYZ color 55.3567, 64.0618, 51.5670.



This preview shows how white text looks on a background with the XYZ color 55.3567, 64.0618,

51.5670.

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

55.3567, 64.0618, 51.5670

Protanopia

60.2592, 64.0291, 49.2272

Deuteranopia

64.8237, 63.4602, 52.5485



Tritanopia

61.1565, 63.7884, 81.0406

Trichromacy



Original Color

55.3567, 64.0618, 51.5670

Protanomaly

58.4327, 64.1792, 49.8655

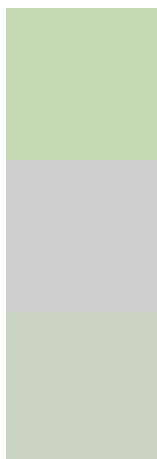
Deuteranomaly

60.7410, 63.1259, 52.1631

Tritanomaly

58.8715, 63.9698, 69.5661

Monochromacy



Original Color

55.3567, 64.0618, 51.5670

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.3675, 62.6353, 61.2908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3567, 64.0618, 51.5670 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(196, 216, 178)` looks like.

```
.text, #text, p{  
    color:rgb(196, 216, 178)  
}
```

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(196, 216, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 216, 178) }
```

Border

The CSS property to change the border of an element to XYZ 55.3567, 64.0618, 51.5670 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(196, 216, 178) }
```


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

```
.border{ border-color:rgb(196, 216, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 216, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 216, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 216, 178);  
box-shadow:4px 4px 4px 4px rgb(196, 216,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3567, 64.0618, 51.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 216, 178) }
```

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

```
.background{ background-color: rgb(196,  
216, 178) }
```

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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