

Converting Colors

XYZ(55.5625, 64.3786, 59.3670)

Have a look what the booklet for
XYZ(55.5625, 64.3786, 59.3670)
contains.

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Color

**XYZ(55.5625, 64.3786,
59.3670)**

Conversions

Conversions Part 1

Format	Color
Hex	BED9C0
RGB	190, 217, 192
RGB Percent	75%, 85%, 75%
CMY	0.2549, 0.1490, 0.2471
CMYK	0.12, 0.00, 0.12, 0.15
HSL	124°, 26%, 80%
HSV	124°, 12%, 85%
XYZ	55.5625, 64.3786, 59.3670
YIQ	206.0770, -8.0670, -13.4990

Conversions

Conversions Part 2

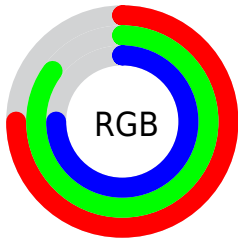
Format	Color
RYB	190, 215, 217
Decimal	12507584
CIELab	84.16, -13.66, 9.30
CIELCh	84, 16.530, 145.746
Yxy	64.3786, 0.3099, 0.3590
Android (android.graphics.Color)	4290697664 (0xFFBED9C0)
YUV	206.0770, -6.9400, -14.0995
Hunter-Lab	80.2363, -16.8047, 12.2966

Details

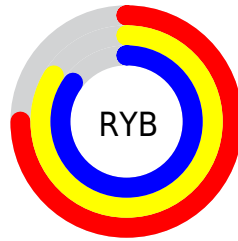
The XYZ color **55.5625, 64.3786, 59.3670** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.2968, 56.4865, 72.0708**, and the grayscale version is **58.7637, 61.8240, 67.3263**.

A 20% lighter version of the original color is **90.7093, 97.8901, 102.9207**, and **27.7339, 32.9390, 29.3222** is the 20% darker color. If you saturate the color by 10%, you get **48.4643, 60.9611, 48.1960**, and if you desaturate by 10%, it is **63.7752, 68.3392, 72.1795**.

Distribution



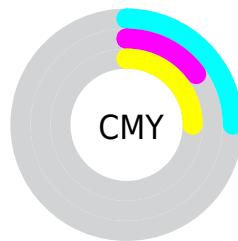
- Red (75%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (84%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5625, 64.3786, 59.3670 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 55.5625, 64.3786, 59.3670 by changing the saturation by 10% instead.

■ 55.5625, 64.3786,
59.3670

■ 55.5625, 64.3786,
59.3670

398.1425,
440.5556, 440.0003

■ 40.0879, 46.9574,
42.4867

■ 97.5081, 111.1560,
105.4452

■ 27.7916, 33.0020,
29.1541

124.7099,
141.2810, 135.4802

■ 18.3083, 22.1280,
18.9509

156.5514,
176.4093, 170.7372

■ 11.2726, 13.9509,
11.4583

193.3980,
216.9255, 211.6346

■ 6.3191, 8.0866,
6.2580

235.6150,
263.2137, 258.5911

■ 3.0826, 4.1504,
2.9313

283.5679,

■ 1.1976, 1.7580,

315.6586, 312.0252

1.0596

337.6219,
374.6444, 372.3554

■ 0.1045, 0.4608,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5625, 64.3786,
59.3670

■ 55.5625, 64.3786,
59.3670

■ 48.4643, 60.9611,
48.1960

■ 63.7752, 68.3392,
72.1795

■ 42.4276, 58.0553,
38.5962

■ 73.1421, 72.8565,
86.6916

■ 37.4028, 55.6390,
30.4984

■ 83.6693, 77.9343,
102.9620

■ 33.3345, 53.6851,
23.8266

■ 84.1041, 78.1082,
105.2514

■ 30.1619, 52.1642,
18.4982

■ 27.8170, 51.0432,
14.4223

■ 26.2223, 50.2842,
11.4963

■ 25.2853, 49.8421,
9.6020

■ 24.9082, 49.6658,
8.7668

Harmonies

Analogous

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



58.1874, 64.3786, 53.4849



55.5625, 64.3786, 59.3670



54.4451, 64.3786, 68.6148

Triad

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



55.5625, 64.3786, 59.3670



60.6700, 64.3786, 92.1478



67.7415, 64.3786, 61.7123

Complementary

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



55.5625, 64.3786, 59.3670



59.2968, 56.4865, 72.0708

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.



68.4700, 64.3786, 71.6011



55.5625, 64.3786, 59.3670



64.2940, 64.3786, 89.8361

Square

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



55.5625, 64.3786, 59.3670



57.3185, 64.3786, 88.0859



67.1850, 64.3786, 82.0485



65.2318, 64.3786, 54.7414

Rectangle

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



55.5625, 64.3786, 59.3670



54.6715, 64.3786, 75.7029



67.1850, 64.3786, 82.0485



68.2069, 64.3786, 64.7756

Sweetspot

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



55.5643, 64.3813, 59.3684



89.9128, 97.5231, 100.9164



62.1929, 67.8240, 58.5295



19.0447, 20.7774, 21.2884



0.0000, 0.0000, 0.0000



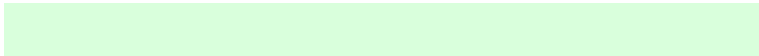
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5643, 64.3813, 59.3684



77.1641, 91.3787, 80.9920



57.1058, 64.9979, 67.4858



12.9255, 14.6218, 14.0704



15.0920, 30.0694, 5.3841



0.9917, 1.9536, 0.4225

Inverse Universe

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



59.2968, 56.4865, 72.0708



83.5856, 77.7958, 102.8448



57.6560, 55.8302, 63.4304



13.5706, 13.2573, 16.2659



23.7161, 11.4875, 34.4807



1.5491, 0.7493, 2.3007

Previews

White Background



This preview shows how the XYZ color 55.5625, 64.3786, 59.3670 looks on a white background.

Color Contrast Check

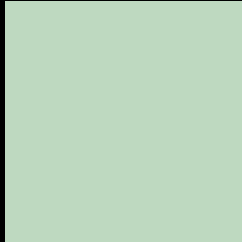
Large Text (above 18pt) WCAG AA × Fail

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 55.5625, 64.3786, 59.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

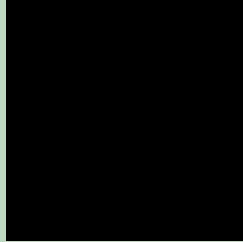
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5625, 64.3786, 59.3670

Background



This preview shows how black text looks on a background with the XYZ color 55.5625, 64.3786, 59.3670.



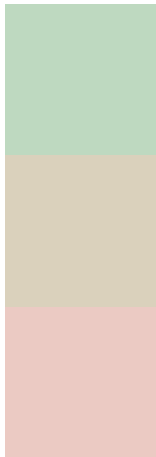
This preview shows how white text looks on a background with the XYZ color 55.5625, 64.3786,

59.3670.

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



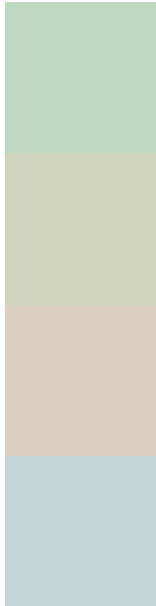
Original Color
55.5625, 64.3786, 59.3670
Protanopia
60.7910, 64.1372, 56.7526
Deuteranopia
65.2318, 63.8434, 60.5147



Tritanopia

60.4513, 64.4799, 83.3885

Trichromacy



Original Color

55.5625, 64.3786, 59.3670

Protanomaly

58.7412, 64.1710, 57.4344

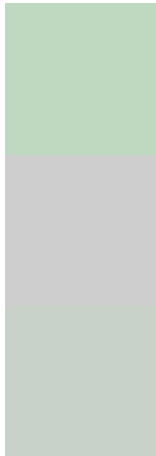
Deuteranomaly

61.2638, 63.5808, 60.0823

Tritanomaly

58.6894, 64.5203, 74.3262

Monochromacy



Original Color

55.5625, 64.3786, 59.3670

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.4086, 62.5896, 64.3136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5625, 64.3786, 59.3670 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(190, 217, 192)` looks like.

```
.text, #text, p{  
    color:rgb(190, 217, 192)  
}
```

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(190, 217, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 217, 192) }
```

Border

The CSS property to change the border of an element to XYZ 55.5625, 64.3786, 59.3670 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(190, 217, 192) }
```


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

```
.border{ border-color:rgb(190, 217, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 217, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 217, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 217, 192);  
box-shadow:4px 4px 4px 4px rgb(190, 217,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5625, 64.3786, 59.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 217, 192) }
```

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

```
.background{ background-color: rgb(190,  
217, 192) }
```

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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