

Converting Colors

XYZ(55.9602, 64.3626, 60.1289)

Have a look what the booklet for
XYZ(55.9602, 64.3626, 60.1289)
contains.

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Color

**XYZ(55.9197, 64.1685,
59.8905)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D8C1
RGB	192, 216, 193
RGB Percent	75%, 85%, 76%
CMY	0.2471, 0.1529, 0.2431
CMYK	0.11, 0.00, 0.11, 0.15
HSL	123°, 24%, 80%
HSV	123°, 11%, 85%
XYZ	55.9197, 64.1685, 59.8905
YIQ	206.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

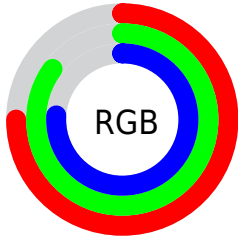
Format	Color
RYB	192, 215, 216
Decimal	12638401
CIELab	84.05, -12.30, 8.64
CIElCh	84, 15.029, 144.920
Yxy	64.1685, 0.3107, 0.3565
Android (android.graphics.Color)	4290828481 (0xFFC0D8C1)
YUV	206.2020, -6.5086, -12.4552
Hunter-Lab	80.1052, -15.5773, 11.7456

Details

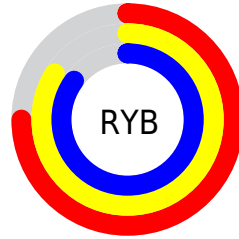
The XYZ color **55.9197, 64.1685, 59.8905** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4366, 57.2060, 72.2022**, and the grayscale version is **58.8406, 61.9049, 67.4145**.

A 20% lighter version of the original color is **91.9258, 98.4993, 103.7898**, and **27.8863, 32.7571, 29.2791** is the 20% darker color. If you saturate the color by 10%, you get **48.6968, 60.6952, 48.3304**, and if you desaturate by 10%, it is **64.2721, 68.1904, 73.1934**.

Distribution



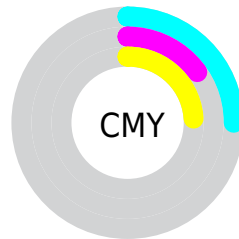
- Red (75%)
- Green (85%)
- Blue (76%)



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



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



- Cyan (25%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9197, 64.1685, 59.8905 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 55.9197, 64.1685, 59.8905 by changing the saturation by 10% instead.

■ 55.9197, 64.1685,
59.8905

■ 55.9197, 64.1685,
59.8905

399.4687,
439.7979, 441.9875

■ 40.3753, 46.7872,
42.9057

■ 98.0277, 110.8536,
106.2126

■ 28.0168, 32.8674,
29.4802

125.3219,
140.9261, 136.3870

■ 18.4788, 22.0249,
19.1957

157.2635,
175.9978, 171.7949

■ 11.3961, 13.8752,
11.6335

194.2178,
216.4531, 212.8550

■ 6.4032, 8.0339,
6.3752

236.5501,
262.6763, 259.9858

■ 3.1347, 4.1167,
3.0021

284.6258,

■ 1.2254, 1.7390,

315.0519, 313.6057

1.0957

338.8102,
373.9643, 374.1335

0.1263, 0.4487,
0.0000

0.0000, 0.0000,
0.0000

55.9197, 64.1685,
59.8905

55.9197, 64.1685,
59.8905

48.6968, 60.6952,
48.3304

64.2721, 68.1904,
73.1934

42.5500, 57.7390,
38.4369

73.7940, 72.7745,
88.3025

37.4293, 55.2777,
30.1345

83.8472, 77.5943,
105.1657

33.2789, 53.2841,
23.3402

■ 30.0375, 51.7288,
17.9633

■ 27.6368, 50.5786,
13.9039

■ 25.9991, 49.7958,
11.0484

■ 25.0321, 49.3357,
9.2648

■ 24.6065, 49.1340,
8.4455

Harmonies

Analogous

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



58.3429, 64.1685, 54.5819



55.9197, 64.1685, 59.8905



54.8570, 64.1685, 68.2642

Triad

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



55.9197, 64.1685, 59.8905



60.4274, 64.1685, 89.6817



66.9574, 64.1685, 62.4533

Complementary

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



55.9197, 64.1685, 59.8905



59.4366, 57.2060, 72.2022

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.



67.5643, 64.1685, 71.4980



55.9197, 64.1685, 59.8905



63.7165, 64.1685, 87.7721

Square

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



55.9197, 64.1685, 59.8905



57.3987, 64.1685, 85.9031



66.3584, 64.1685, 80.8976



64.7286, 64.1685, 55.9649

Rectangle

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



55.9197, 64.1685, 59.8905



55.0342, 64.1685, 74.6765



66.3584, 64.1685, 80.8976



67.3612, 64.1685, 65.2716

Sweetspot

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



55.9215, 64.1712, 59.8919



91.1333, 98.1146, 102.6726



62.1562, 67.3982, 59.6030



19.2879, 20.8954, 21.6286



0.0000, 0.0000, 0.0000



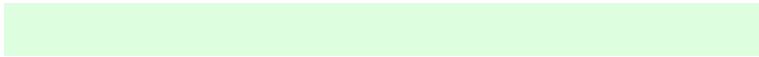
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9215, 64.1712, 59.8919



79.1888, 92.3661, 83.6307



57.2913, 64.7192, 67.1056



12.2832, 13.9043, 13.3057



14.5736, 29.0848, 5.0503



0.8866, 1.7573, 0.3443

Inverse Universe

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



59.4366, 57.2060, 72.2022



85.1498, 80.5542, 104.5064



57.9740, 56.6209, 64.5001



12.9296, 12.6233, 15.5696



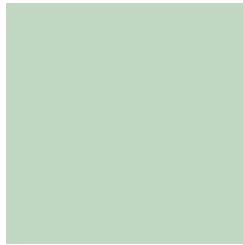
23.4383, 11.3116, 35.9417



1.4208, 0.6851, 2.2052

Previews

White Background



This preview shows how the XYZ color 55.9197, 64.1685, 59.8905 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 55.9197, 64.1685, 59.8905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

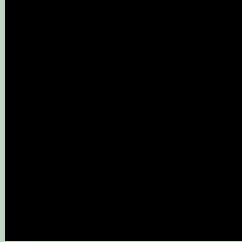
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

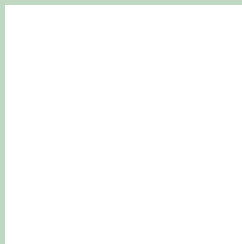
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9197, 64.1685, 59.8905

Background



This preview shows how black text looks on a background with the XYZ color 55.9197, 64.1685, 59.8905.



This preview shows how white text looks on a background with the XYZ color 55.9197, 64.1685,

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

55.9197, 64.1685, 59.8905

Protanopia

60.8992, 64.1805, 57.3225

Deuteranopia

65.3453, 63.8887, 61.1122



Tritanopia

60.5866, 64.1957, 82.5966

Trichromacy



Original Color

55.9197, 64.1685, 59.8905

Protanomaly

59.1322, 64.3600, 58.0213

Deuteranomaly

61.3766, 63.6258, 60.6759

Tritanomaly

58.8249, 64.2306, 73.5873

Monochromacy



Original Color

55.9197, 64.1685, 59.8905

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.6766, 62.7277, 64.3261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9197, 64.1685, 59.8905 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(192, 216, 193) looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 193)  
}
```

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(192, 216, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 193) }
```

Border

The CSS property to change the border of an element to XYZ 55.9197, 64.1685, 59.8905 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(192, 216, 193) }
```


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

```
.border{ border-color:rgb(192, 216, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 216, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 216, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 216, 193);  
box-shadow:4px 4px 4px 4px rgb(192, 216,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9197, 64.1685, 59.8905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 193) }
```

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

```
.background{ background-color: rgb(192,  
216, 193) }
```

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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