Converting Colors

XYZ(55.9421, 64.0195, 58.6991)

Have a look what the booklet for XYZ(55.9421, 64.0195, 58.6991) contains.

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Color

XYZ(55.9522, 64.2108, 58.7351)

Conversions

Conversions Part 1

Format	Color
Hex	C1D8BF
RGB	193, 216, 191
RGB Percent	76%, 85%, 75%
CMY	0.2431, 0.1529, 0.2510
CMYK	0.11, 0.00, 0.12, 0.15
HSL	115°, 24%, 80%
HSV	115°, 12%, 85%
XYZ	55.9522, 64.2108, 58.7351
YIQ	206.2730, -5.6830, -12.6510

Conversions

Conversions Part 2

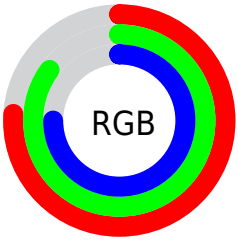
Format	Color
RYB	191, 216, 214
Decimal	12703935
CIELab	84.08, -12.31, 9.74
CIELCh	84, 15.696, 141.665
Yxy	64.2108, 0.3128, 0.3589
Android (android.graphics.Color)	4290894015 (0xFFC1D8BF)
YUV	206.2730, -7.5296, -11.6404
Hunter-Lab	80.1316, -15.5921, 12.6336

Details

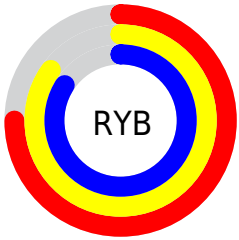
The XYZ color 55.9522, 64.2108, 58.7351 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 58.7595, 56.5173, 72.7810, and the grayscale version is 58.8919, 61.9589, 67.4733.

A 20% lighter version of the original color is 91.9728, 98.5594, 102.1721, and 27.9798, 32.8137, 28.9037 is the 20% darker color. If you saturate the color by 10%, you get 49.0183, 60.8928, 46.9038, and if you desaturate by 10%, it is 63.9210, 68.0255, 72.4475.

Distribution

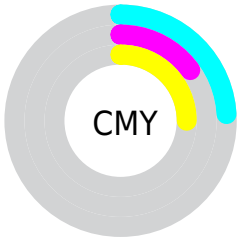


- Red (76%)
- Green (85%)
- Blue (75%)



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

- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9522, 64.2108, 58.7351 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 55.9522, 64.2108, 58.7351 by changing the saturation by 10% instead.

55.9522, 64.2108, 58.7351

55.9522, 64.2108, 58.7351

399.5893, 439.9505, 437.5940

40.4014, 46.8214, 41.9813

98.0749, 110.9145, 104.5179

28.0373, 32.8945, 28.7612

125.3776, 140.9976, 134.3840

18.4944, 22.0456, 18.6562

157.3282, 176.0807, 169.4579

11.4073, 13.8904, 11.2478

194.2923, 216.5482, 210.1582

6.4108, 8.0445, 6.1175

236.6351, 262.7846, 256.9034

3.1395, 4.1234, 2.8467

284.7219,

1.2279, 1.7429,

315.1741, 310.1121

1.0169

338.9182, 374.1013, 370.2028

0.1283, 0.4512, 0.0000

0.0000, 0.0000, 0.0000

55.9522, 64.2108, 58.7351

55.9522, 64.2108, 58.7351

49.0183, 60.8928, 46.9038

63.9210, 68.0255, 72.4475

43.0719, 58.0433, 36.8677

72.9593, 72.3475, 88.1137

38.0694, 55.6436, 28.5403

82.9769, 77.1456, 105.1250

33.9623, 53.6706, 21.8264

83.8471, 77.5942, 105.1657

30.6974, 52.0993, 16.6217

28.2162, 50.9020, 12.8093

26.4522, 50.0474, 10.2555

25.3282, 49.4990, 8.8001

24.7933, 49.2360, 8.1968

Harmonies

Analogous

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

58.6037, 64.2108, 53.6390

55.9522, 64.2108, 58.7351

54.6729, 64.2108, 67.1852

Triad

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

55.9522, 64.2108, 58.7351

60.0698, 64.2108, 90.5440

67.4339, 64.2108, 63.1043

Complementary

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

55.9522, 64.2108, 58.7351

58.7595, 56.5173, 72.7810

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.

67.8626, 64.2108, 72.7171

55.9522, 64.2108, 58.7351

63.5233, 64.2108, 89.1887

Square

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

55.9522, 64.2108, 58.7351

56.9906, 64.2108, 85.9749

66.4070, 64.2108, 82.4297

65.2568, 64.2108, 55.9904

Rectangle

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

55.9522, 64.2108, 58.7351

54.7354, 64.2108, 73.8441

66.4070, 64.2108, 82.4297

67.7905, 64.2108, 66.1272

Sweetspot

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

55.9540, 64.2135, 58.7365

91.3005, 98.2065, 102.4228

61.7511, 66.4146, 58.8558

19.3327, 20.9201, 21.5616

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.

55.9540, 64.2135, 58.7365

78.7576, 92.2044, 80.8714

56.6354, 64.4276, 64.9683

12.3535, 13.9429, 13.2009

14.7105, 29.1599, 4.8531

0.9201, 1.7757, 0.2943

Inverse Universe

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

58.7595, 56.5173, 72.7810

83.6571, 78.7622, 105.4012

58.0419, 56.2982, 65.9372

12.8505, 12.5798, 15.6884

21.2771, 10.1213, 39.2853

1.3130, 0.6258, 2.3709

Previews

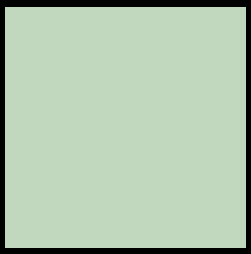
White Background

This preview shows how the XYZ color 55.9522, 64.2108, 58.7351 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



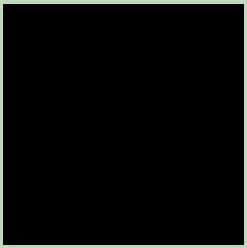
This preview shows how the XYZ color 55.9522, 64.2108, 58.7351 looks on a black background.

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 55.9522, 64.2108, 58.7351 Background



This preview shows how black text looks on a background with the XYZ color 55.9522, 64.2108, 58.7351.

This preview shows how white text looks on a background with the XYZ color 55.9522, 64.2108,

58.7351.

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
55.9522, 64.2108, 58.7351

Protanopia
60.6835, 64.0942, 56.1868

Deuteranopia
65.1191, 63.7983, 59.9211

Tritanopia
60.7126, 64.2767, 81.8798

Trichromacy

Original Color
55.9522, 64.2108, 58.7351

Protanomaly
58.9151, 64.2731, 56.8777

Deuteranomaly
61.4537, 63.6915, 59.5068

Tritanomaly
58.9578, 64.3139, 72.9247

Monochromacy

Original Color
55.9522, 64.2108, 58.7351

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 55.9522, 64.2108, 58.7351 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(193, 216, 191) looks like.

```
.text, #text, p{
    color:rgb(193, 216, 191)
}
```

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(193, 216, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 216, 191) }
```

Border

The CSS property to change the border of an element to XYZ 55.9522, 64.2108, 58.7351 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(193, 216, 191) }
```

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

```
.border{ border-color:rgb(193, 216, 191) }
```

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

Here you see how a box with a 4 pixel rgb(193, 216, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 216, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 216, 191); box-shadow:4px 4px 4px 4px rgb(193, 216, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9522, 64.2108, 58.7351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(193, 216, 191) }
```

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

```
.background{ background-color:rgb(193,
216, 191) }
```

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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