

Converting Colors

XYZ(59.3188, 64.7984, 56.3508)

Have a look what the booklet for
XYZ(59.3188, 64.7984, 56.3508)
contains.

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Color

**XYZ(59.3422, 64.8780,
56.4087)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D5BB
RGB	210, 213, 187
RGB Percent	82%, 84%, 73%
CMY	0.1765, 0.1647, 0.2667
CMYK	0.01, 0.00, 0.12, 0.16
HSL	67°, 24%, 78%
HSV	67°, 12%, 84%
XYZ	59.3422, 64.8780, 56.4087
YIQ	209.1390, 6.5580, -8.7220

Conversions

Conversions Part 2

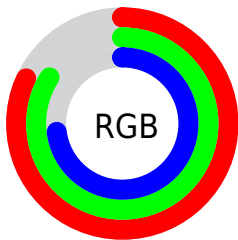
Format	Color
RYB	187, 213, 190
Decimal	13817275
CIELab	84.42, -5.50, 12.51
CIELCh	84, 13.667, 113.747
Yxy	64.8780, 0.3285, 0.3592
Android (android.graphics.Color)	4292007355 (0xFFD2D5BB)
YUV	209.1390, -10.9145, 0.7551
Hunter-Lab	80.5469, -9.4487, 14.8608

Details

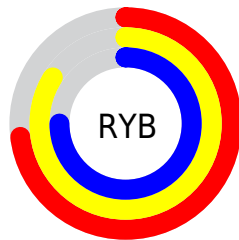
The XYZ color **59.3422, 64.8780, 56.4087** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.0183, 51.2936, 70.1660**, and the grayscale version is **60.7625, 63.9269, 69.6164**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **30.0475, 33.1435, 27.3679** is the 20% darker color. If you saturate the color by 10%, you get **56.5343, 63.6766, 45.2439**, and if you desaturate by 10%, it is **62.5027, 66.2259, 69.3582**.

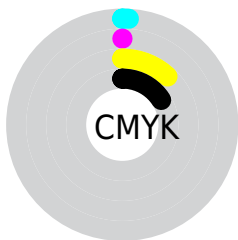
Distribution



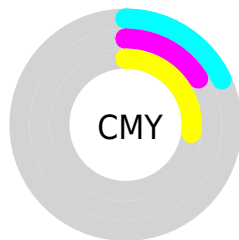
- Red (82%)
- Green (84%)
- Blue (73%)



- Red (73%)
- Yellow (84%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3422, 64.8780, 56.4087 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 59.3422, 64.8780, 56.4087 by changing the saturation by 10% instead.

■ 59.3422, 64.8780,
56.4087

■ 59.3422, 64.8780,
56.4087

412.0426,
442.3534, 428.6614

■ 43.1361, 47.3622,
40.1245

■ 102.9866,
111.8744, 101.0936

■ 30.1869, 33.3220,
27.3211

131.1557,
142.1238, 130.3315

■ 20.1293, 22.3733,
17.5800

164.0430,
177.3865, 164.7242

■ 12.5978, 14.1314,
10.4825

202.0141,
218.0469, 204.6905

■ 7.2273, 8.2121,
5.6103

245.4343,
264.4894, 250.6488

■ 3.6522, 4.2310,
2.5447

294.6688,

■ 1.5073, 1.8036,

317.0984, 303.0177

0.8637

350.0831,
376.2583, 362.2158

■ 0.3308, 0.4894,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3422, 64.8780,
56.4087

■ 59.3422, 64.8780,
56.4087

■ 56.5343, 63.6766,
45.2439

■ 62.5027, 66.2259,
69.3582

■ 54.0588, 62.6074,
35.7816

■ 66.0245, 67.7175,
84.1616

■ 51.9015, 61.6666,
27.9391

■ 69.9225, 69.3607,
100.8894

■ 50.0451, 60.8474,
21.6254

■ 71.3140, 70.0027,
104.3610

■ 48.4705, 60.1421,
16.7404

■ 72.0637, 70.3892,
104.3960

■ 47.1564, 59.5423,
13.1721

■ 72.8245, 70.7814,
104.4316

■ 46.0783, 59.0381,
10.7920

■ 73.5963, 71.1793,
104.4678

■ 45.2068, 58.6177,
9.4456

■ 74.3792, 71.5829,
104.5044

■ 44.6319, 58.3327,
8.9070

■ 75.1733, 71.9922,
104.5416

Harmonies

Analogous

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



62.3030, 64.8780, 55.2829



59.3422, 64.8780, 56.4087



57.0732, 64.8780, 61.2032

Triad

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



59.3422, 64.8780, 56.4087



58.2745, 64.8780, 85.0080



67.6551, 64.8780, 72.4789

Complementary

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



59.3422, 64.8780, 56.4087



51.0183, 51.2936, 70.1660

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.



66.4959, 64.8780, 81.0025



59.3422, 64.8780, 56.4087



61.0305, 64.8780, 88.6090

Square

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



59.3422, 64.8780, 56.4087



56.4711, 64.8780, 77.5940



64.0468, 64.8780, 87.0862



67.1672, 64.8780, 64.1165

Rectangle

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



59.3422, 64.8780, 56.4087



56.2252, 64.8780, 66.0618



64.0468, 64.8780, 87.0862



67.4439, 64.8780, 75.4273

Sweetspot

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



59.3440, 64.8808, 56.4101



93.0186, 99.1375, 100.4591



54.7393, 54.3896, 54.6278



19.8302, 21.1856, 21.1735



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.



59.3440, 64.8808, 56.4101



87.8846, 96.9482, 79.5561



55.8970, 63.1039, 56.2488



13.3250, 14.4437, 13.2463



27.3174, 35.6590, 5.4431



1.6886, 2.1719, 0.3302

Inverse Universe

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



51.0183, 51.2936, 70.1660



72.6689, 72.1157, 104.6974



54.3024, 52.9866, 70.3197



11.8745, 12.0767, 15.6427



7.6196, 3.0806, 38.6462



0.5052, 0.2093, 2.3331

Previews

White Background



This preview shows how the XYZ color 59.3422, 64.8780, 56.4087 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 59.3422, 64.8780, 56.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

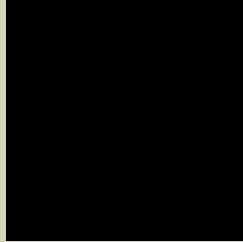
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

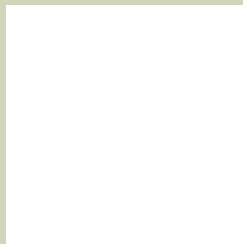
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3422, 64.8780, 56.4087

Background



This preview shows how black text looks on a background with the XYZ color 59.3422, 64.8780, 56.4087.



This preview shows how white text looks on a background with the XYZ color 59.3422, 64.8780,

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

59.3422, 64.8780, 56.4087

Protanopia

61.3187, 64.8116, 55.1770

Deuteranopia

66.1378, 64.7367, 57.1537



Tritanopia

64.0348, 64.9406, 79.6808

Trichromacy



Original Color

59.3422, 64.8780, 56.4087

Protanomaly

60.4761, 64.7326, 55.7616

Deuteranomaly

63.3848, 64.7505, 56.7343

Tritanomaly

62.2450, 64.9425, 70.8825

Monochromacy



Original Color

59.3422, 64.8780, 56.4087

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.8837, 63.8655, 64.4294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3422, 64.8780, 56.4087 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(210, 213, 187) looks like.

```
.text, #text, p{  
    color:rgb(210, 213, 187)  
}
```

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(210, 213, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 213, 187) }
```

Border

The CSS property to change the border of an element to XYZ 59.3422, 64.8780, 56.4087 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(210, 213, 187) }
```


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

```
.border{ border-color:rgb(210, 213, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 213, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 213, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 213, 187);  
box-shadow:4px 4px 4px 4px rgb(210, 213,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3422, 64.8780, 56.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 213, 187) }
```

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

```
.background{ background-color: rgb(210,  
213, 187) }
```

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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