

Converting Colors

XYZ(56.8520, 64.7356, 64.8270)

Have a look what the booklet for
XYZ(56.8520, 64.7356, 64.8270)
contains.

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Color

**XYZ(56.8413, 64.9191,
64.7931)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD9C9
RGB	191, 217, 201
RGB Percent	75%, 85%, 79%
CMY	0.2510, 0.1490, 0.2118
CMYK	0.12, 0.00, 0.07, 0.15
HSL	143°, 25%, 80%
HSV	143°, 12%, 85%
XYZ	56.8413, 64.9191, 64.7931
YIQ	207.4020, -10.3600, -10.4880

Conversions

Conversions Part 2

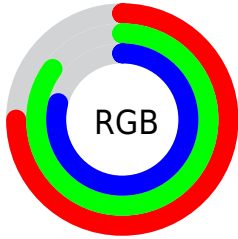
Format	Color
RYB	191, 210, 217
Decimal	12573129
CIELab	84.44, -11.68, 4.95
CIELCh	84, 12.691, 157.030
Yxy	64.9191, 0.3047, 0.3480
Android (android.graphics.Color)	4290763209 (0xFFBFD9C9)
YUV	207.4020, -3.1562, -14.3846
Hunter-Lab	80.5724, -15.0755, 8.7220

Details

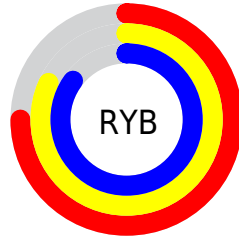
The XYZ color **56.8413, 64.9191, 64.7931** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.5109, 56.5199, 66.8600**, and the grayscale version is **59.5934, 62.6969, 68.2769**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **28.5033, 33.2656, 32.5224** is the 20% darker color. If you saturate the color by 10%, you get **50.2799, 61.7121, 56.6390**, and if you desaturate by 10%, it is **64.3515, 68.6031, 73.7074**.

Distribution



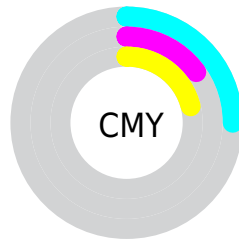
- Red (75%)
- Green (85%)
- Blue (79%)



- Red (75%)
- Yellow (82%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8413, 64.9191, 64.7931 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 56.8413, 64.9191, 64.7931 by changing the saturation by 10% instead.

■ 56.8413, 64.9191,
64.7931

■ 56.8413, 64.9191,
64.7931

402.8782,
442.5012, 460.3339

■ 41.1175, 47.3955,
46.8431

■ 99.3663, 111.9335,
113.3628

■ 28.5990, 33.3484,
32.5581

126.8982,
142.1932, 144.8195

■ 18.9204, 22.3935,
21.5198

159.0968,
177.4669, 181.6155

■ 11.7164, 14.1463,
13.3096

196.3275,
218.1391, 224.1693

■ 6.6217, 8.2225,
7.5088

238.9556,
264.5943, 272.8996

■ 3.2709, 4.2376,
3.6991

287.3465,

■ 1.2986, 1.8074,

317.2168, 328.2247

1.4618

341.8656,
376.3909, 390.5633

■ 0.1822, 0.4918,
0.1892

■ 0.0000, 0.0000,
0.0000

■ 56.8413, 64.9191,
64.7931

■ 56.8413, 64.9191,
64.7931

■ 50.2799, 61.7121,
56.6390

■ 64.3515, 68.6031,
73.7074

■ 44.6231, 58.9543,
49.2209

■ 72.8416, 72.7742,
83.3968

■ 39.8309, 56.6272,
42.5196

■ 81.9413, 77.2430,
93.8621

■ 35.8584, 54.7081,
36.5133

■ 84.0112, 78.0710,
104.7620

■ 32.6562, 53.1720,
31.1791

■ 84.1041, 78.1082,
105.2514

■ 30.1695, 51.9912,
26.4929

■ 28.3356, 51.1339,
22.4290

■ 27.0800, 50.5621,
18.9597

■ 26.3930, 50.2597,
16.5858

Harmonies

Analogous

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



58.4931, 64.9191, 58.9914



56.8413, 64.9191, 64.7931



56.4734, 64.9191, 72.6050

Triad

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



56.8413, 64.9191, 64.7931



62.3702, 64.9191, 87.2583



66.1377, 64.9191, 61.7339

Complementary

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



56.8413, 64.9191, 64.7931



58.5109, 56.5199, 66.8600

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.



67.2473, 64.9191, 68.8009



56.8413, 64.9191, 64.7931



65.0295, 64.9191, 83.8319

Square

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



56.8413, 64.9191, 64.7931



59.6102, 64.9191, 85.9811



66.8357, 64.9191, 76.9255



63.8455, 64.9191, 57.3214

Rectangle

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



56.8413, 64.9191, 64.7931



56.9953, 64.9191, 77.9861



66.8357, 64.9191, 76.9255



66.6645, 64.9191, 63.8560

Sweetspot

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



56.8431, 64.9218, 64.7945



90.4021, 97.7188, 103.4928



59.9606, 66.6605, 58.9976



19.1682, 20.8268, 21.9384



0.0000, 0.0000, 0.0000



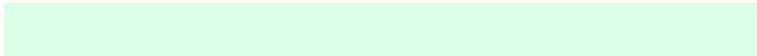
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8431, 64.9218, 64.7945



79.7759, 92.5115, 90.7645



58.4342, 65.5583, 73.1732



13.0927, 14.6887, 14.9513



16.0241, 30.4423, 10.2921



1.0794, 1.9887, 0.8844

Inverse Universe

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



58.5109, 56.5199, 66.8600



82.5675, 78.4468, 94.2213



56.9894, 55.9113, 58.8479



13.3911, 13.1855, 15.3209



19.9611, 9.9855, 14.7069



1.3348, 0.6636, 1.1720

Previews

White Background



This preview shows how the XYZ color 56.8413, 64.9191, 64.7931 looks on a white background.

Color Contrast Check

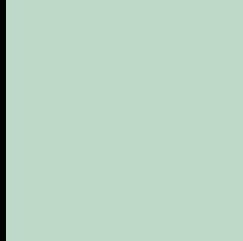
Large Text (above 18pt) WCAG AA × Fail

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 56.8413, 64.9191, 64.7931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

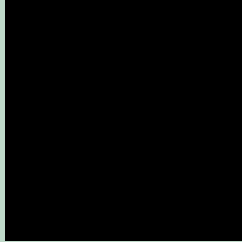
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

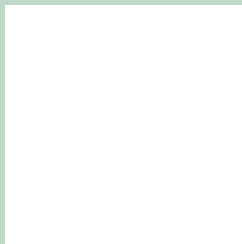
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8413, 64.9191, 64.7931

Background



This preview shows how black text looks on a background with the XYZ color 56.8413, 64.9191, 64.7931.

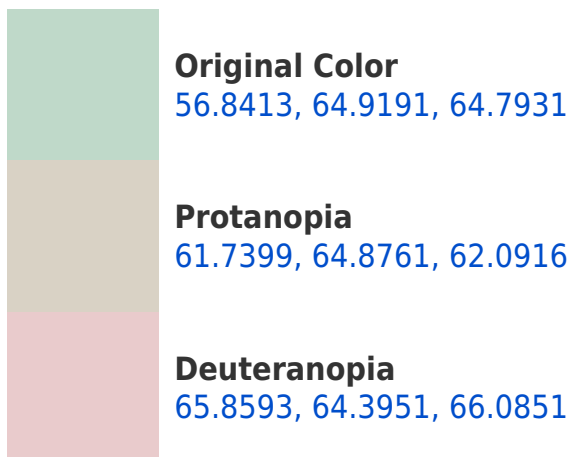


This preview shows how white text looks on a background with the XYZ color 56.8413, 64.9191,

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





Tritanopia

60.8421, 65.0374, 84.2097

Trichromacy



Original Color

56.8413, 64.9191, 64.7931

Protanomaly

59.9997, 65.0756, 62.8246

Deuteranomaly

62.2488, 64.3290, 65.6358

Tritanomaly

59.0809, 64.6769, 76.3878

Monochromacy



Original Color

56.8413, 64.9191, 64.7931

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.4011, 63.4138, 66.9196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8413, 64.9191, 64.7931 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(191, 217, 201)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 201)  
}
```

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(191, 217, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.8413, 64.9191, 64.7931 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(191, 217, 201) }
```


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

```
.border{ border-color:rgb(191, 217, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 217, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 217, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 217, 201); box-shadow:4px 4px 4px 4px rgb(191, 217, 201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8413, 64.9191, 64.7931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 217, 201) }
```

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

```
.background{ background-color: rgb(191,  
217, 201) }
```

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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