

Converting Colors

XYZ(56.1975, 64.1734, 64.1501)

Have a look what the booklet for
XYZ(56.1975, 64.1734, 64.1501)
contains.

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Color

**XYZ(56.2164, 64.2290,
64.0781)**

Conversions

Conversions Part 1

Format	Color
Hex	BED8C8
RGB	190, 216, 200
RGB Percent	75%, 85%, 78%
CMY	0.2549, 0.1529, 0.2157
CMYK	0.12, 0.00, 0.07, 0.15
HSL	143°, 25%, 80%
HSV	143°, 12%, 85%
XYZ	56.2164, 64.2290, 64.0781
YIQ	206.4020, -10.3600, -10.4880

Conversions

Conversions Part 2

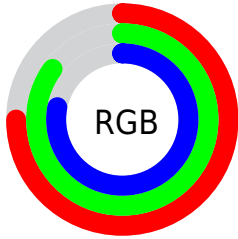
Format	Color
R _Y B	190, 209, 216
Decimal	12507336
CIE Lab	84.08, -11.69, 4.96
CIE LCh	84, 12.702, 157.026
Yxy	64.2290, 0.3047, 0.3481
Android (android.graphics.Color)	4290697416 (0xFFBED8C8)
YUV	206.4020, -3.1562, -14.3846
Hunter-Lab	80.1430, -15.0412, 8.6950

Details

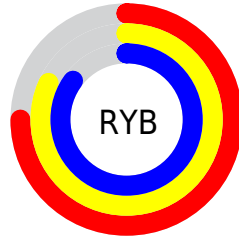
The XYZ color **56.2164, 64.2290, 64.0781** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.8752, 55.8837, 66.1318**, and the grayscale version is **58.9496, 62.0196, 67.5394**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.0865, 32.7993, 32.0447** is the 20% darker color. If you saturate the color by 10%, you get **49.7295, 61.0584, 56.0144**, and if you desaturate by 10%, it is **63.6416, 67.8712, 72.8936**.

Distribution



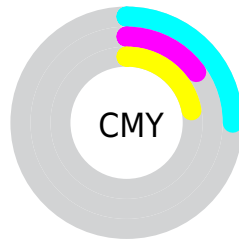
- Red (75%)
- Green (85%)
- Blue (78%)



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



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



- Cyan (25%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2164, 64.2290, 64.0781 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 56.2164, 64.2290, 64.0781 by changing the saturation by 10% instead.

■ 56.2164, 64.2290,
64.0781

■ 56.2164, 64.2290,
64.0781

400.5683,
440.0161, 457.6868

■ 40.6141, 46.8362,
46.2673

■ 98.4589, 110.9407,
112.3240

■ 28.2040, 32.9062,
32.1067

125.8298,
141.0283, 143.5961

■ 18.6208, 22.0546,
21.1775

157.8543,
176.1163, 180.1925

■ 11.4989, 13.8970,
13.0613

194.8978,
216.5891, 222.5317

■ 6.4732, 8.0491,
7.3395

237.3256,
262.8311, 271.0322

■ 3.1783, 4.1264,
3.5937

285.5030,

■ 1.2487, 1.7445,

315.2267, 326.1125

1.4052

339.7955,
374.1602, 388.1912

■ 0.1443, 0.4522,
0.1458

■ 0.0000, 0.0000,
0.0000

■ 56.2164, 64.2290,
64.0781

■ 56.2164, 64.2290,
64.0781

■ 49.7295, 61.0584,
56.0144

■ 63.6416, 67.8712,
72.8936

■ 44.1370, 58.3320,
48.6787

■ 72.0359, 71.9953,
82.4756

■ 39.3995, 56.0315,
42.0518

■ 81.4353, 76.6211,
92.8437

■ 35.4726, 54.1345,
36.1122

■ 83.5547, 77.4772,
103.6263

■ 32.3073, 52.6162,
30.8373

■ 83.8471, 77.5942,
105.1657

■ 29.8495, 51.4492,
26.2033

■ 28.0372, 50.6020,
22.1847

■ 26.7966, 50.0371,
18.7540

■ 26.1211, 49.7398,
16.4216

Harmonies

Analogous

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



57.8578, 64.2290, 58.3153



56.2164, 64.2290, 64.0781



55.8507, 64.2290, 71.8405

Triad

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



56.2164, 64.2290, 64.0781



61.7097, 64.2290, 86.4091



65.4549, 64.2290, 61.0409

Complementary

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



56.2164, 64.2290, 64.0781



57.8752, 55.8837, 66.1318

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.



66.5576, 64.2290, 68.0625



56.2164, 64.2290, 64.0781



64.3528, 64.2290, 83.0028

Square

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



56.2164, 64.2290, 64.0781



58.9671, 64.2290, 85.1384



66.1482, 64.2290, 76.1372



63.1768, 64.2290, 56.6577

Rectangle

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



56.2164, 64.2290, 64.0781



56.3690, 64.2290, 77.1892



66.1482, 64.2290, 76.1372



65.9784, 64.2290, 63.1492

Sweetspot

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



56.2182, 64.2317, 64.0795



90.4021, 97.7188, 103.4928



59.3153, 65.9590, 58.3212



19.1682, 20.8268, 21.9384



0.0000, 0.0000, 0.0000



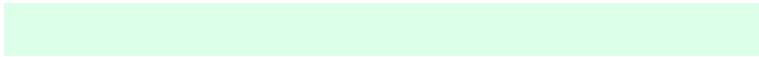
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2182, 64.2317, 64.0795



79.7759, 92.5115, 90.7645



57.7992, 64.8641, 72.4052



12.4581, 13.9742, 14.2268



15.5092, 29.4590, 9.9773



0.9753, 1.7928, 0.8116

Inverse Universe

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



57.8752, 55.8837, 66.1318



82.5675, 78.4468, 94.2213



56.3637, 55.2791, 58.1719



12.7412, 12.5480, 14.5775



19.3192, 9.6640, 14.2511



1.2051, 0.5988, 1.0696

Previews

White Background



This preview shows how the XYZ color 56.2164, 64.2290, 64.0781 looks on a white background.

Color Contrast Check

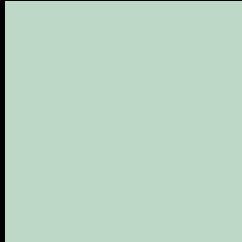
Large Text (above 18pt) WCAG AA × Fail

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 56.2164, 64.2290, 64.0781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

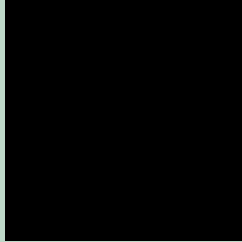
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

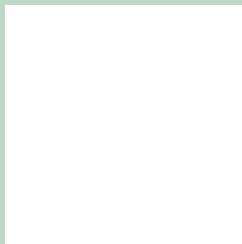
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2164, 64.2290, 64.0781

Background



This preview shows how black text looks on a background with the XYZ color 56.2164, 64.2290, 64.0781.

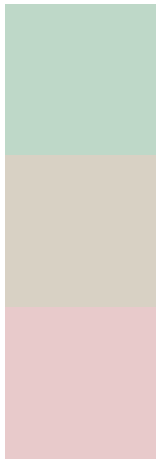


This preview shows how white text looks on a background with the XYZ color 56.2164, 64.2290,

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
56.2164, 64.2290, 64.0781
Protanopia
61.0832, 64.1854, 61.3941
Deuteranopia
65.1787, 63.7087, 65.3616



Tritanopia

60.1920, 64.3462, 83.3763

Trichromacy



Original Color

56.2164, 64.2290, 64.0781

Protanomaly

59.3537, 64.3836, 62.1223

Deuteranomaly

61.5888, 63.6416, 64.9151

Tritanomaly

58.4415, 63.9879, 75.6004

Monochromacy



Original Color

56.2164, 64.2290, 64.0781

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.7651, 62.7322, 66.1907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2164, 64.2290, 64.0781 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, 216, 200)` looks like.

```
.text, #text, p{  
    color:rgb(190, 216, 200)  
}
```

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, 216, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 216, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.2164, 64.2290, 64.0781 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, 216, 200) }
```


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

```
.border{ border-color:rgb(190, 216, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 216, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 216, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 216, 200);  
box-shadow:4px 4px 4px 4px rgb(190, 216,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2164, 64.2290, 64.0781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 216, 200) }
```

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

```
.background{ background-color: rgb(190,  
216, 200) }
```

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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