

Converting Colors

XYZ(56.0275, 64.8075, 60.5280)

Have a look what the booklet for
XYZ(56.0275, 64.8075, 60.5280)
contains.

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Color

**XYZ(56.0442, 64.9850,
60.6285)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDAC2
RGB	190, 218, 194
RGB Percent	75%, 85%, 76%
CMY	0.2549, 0.1451, 0.2392
CMYK	0.13, 0.00, 0.11, 0.15
HSL	129°, 27%, 80%
HSV	129°, 13%, 85%
XYZ	56.0442, 64.9850, 60.6285
YIQ	206.8920, -8.9840, -13.4000

Conversions

Conversions Part 2

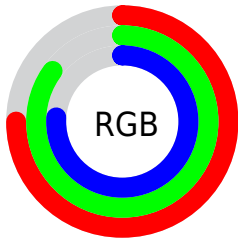
Format	Color
R _Y B	190, 215, 218
Decimal	12507842
CIE Lab	84.48, -13.81, 8.70
CIE LCh	84, 16.319, 147.802
Yxy	64.9850, 0.3085, 0.3577
Android (android.graphics.Color)	4290697922 (0xFFBEDAC2)
YUV	206.8920, -6.3558, -14.8143
Hunter-Lab	80.6133, -16.9759, 11.8378

Details

The XYZ color **56.0442, 64.9850, 60.6285** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.4668, 56.5889, 71.4098**, and the grayscale version is **59.2839, 62.3713, 67.9223**.

A 20% lighter version of the original color is **91.0214, 98.0150, 104.5639**, and **27.9842, 33.3221, 29.7678** is the 20% darker color. If you saturate the color by 10%, you get **49.0328, 61.5998, 50.0258**, and if you desaturate by 10%, it is **64.1376, 68.9012, 72.6621**.

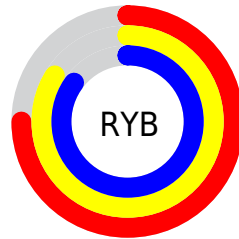
Distribution



Red (75%)

Green (85%)

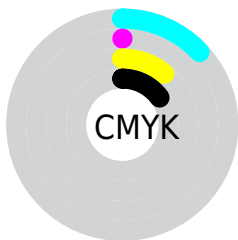
Blue (76%)



Red (75%)

Yellow (84%)

Blue (85%)

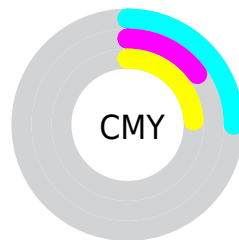


Cyan (13%)

Magenta (0%)

Yellow (11%)

Black (15%)



Cyan (25%)

Magenta (15%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0442, 64.9850, 60.6285 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 56.0442, 64.9850, 60.6285 by changing the saturation by 10% instead.

■ 56.0442, 64.9850,
60.6285

■ 56.0442, 64.9850,
60.6285

399.9304,
442.7381, 444.7793

■ 40.4755, 47.4489,
43.4968

■ 98.2086, 112.0283,
107.2931

■ 28.0953, 33.3907,
29.9408

125.5351,
142.3043, 137.6632

■ 18.5384, 22.4259,
19.5420

157.5115,
177.5957, 173.2830

■ 11.4392, 14.1702,
11.8818

194.5032,
218.2870, 214.5713

■ 6.4325, 8.2391,
6.5417

236.8756,
264.7624, 261.9466

■ 3.1530, 4.2483,
3.1031


284.9940,


■ 1.2352, 1.8134,


317.4065, 315.8273


1.1475


339.2238,
376.6036, 376.6320


 0.1339, 0.4955,
0.0000


 0.0000, 0.0000,
0.0000


 56.0442, 64.9850,
60.6285


 56.0442, 64.9850,
60.6285

 49.0328, 61.5998,
50.0258


 64.1376, 68.9012,
72.6621


 43.0522, 58.7148,
40.7967

 73.3506, 73.3612,
86.1727

 38.0551, 56.3086,
32.8862

 83.5774, 78.3112,
101.2025

 33.9884, 54.3551,
26.2341

 84.3627, 78.6253,
105.3376

■ 30.7939, 52.8258,
20.7754

■ 28.4067, 51.6887,
16.4394

■ 26.7527, 50.9072,
13.1479

■ 25.7439, 50.4377,
10.8123

■ 25.3219, 50.2450,
9.6699

Harmonies

Analogous

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



58.5665, 64.9850, 54.5024



56.0442, 64.9850, 60.6285



55.0486, 64.9850, 69.9936

Triad

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



56.0442, 64.9850, 60.6285



61.4989, 64.9850, 92.6795



68.1507, 64.9850, 61.8345

Complementary

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



56.0442, 64.9850, 60.6285



59.4668, 56.5889, 71.4098

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.



69.0094, 64.9850, 71.5271



56.0442, 64.9850, 60.6285



65.0806, 64.9850, 89.9607

Square

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



56.0442, 64.9850, 60.6285



58.1201, 64.9850, 89.0638



67.8652, 64.9850, 81.9564



65.5619, 64.9850, 55.1492

Rectangle

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



56.0442, 64.9850, 60.6285



55.3540, 64.9850, 77.0491



67.8652, 64.9850, 81.9564



68.6556, 64.9850, 64.8183

Sweetspot

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



56.0460, 64.9878, 60.6299



90.0205, 97.5661, 101.4834



62.1778, 68.2001, 58.6027



19.0719, 20.7882, 21.4313



0.0000, 0.0000, 0.0000



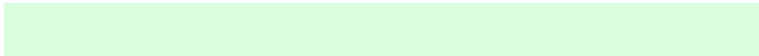
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0460, 64.9878, 60.6299



77.5146, 91.5189, 82.8374



57.6610, 65.6338, 69.1344



12.9619, 14.6364, 14.2624



15.1934, 30.1100, 5.9179



1.0090, 1.9606, 0.5135

Inverse Universe

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



59.4668, 56.5889, 71.4098



83.1710, 77.6300, 100.6617



57.7855, 55.9164, 62.5560



13.5302, 13.2412, 16.0534



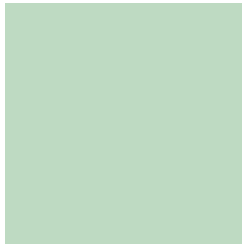
22.7174, 11.0880, 29.2214



1.4941, 0.7273, 2.0110

Previews

White Background



This preview shows how the XYZ color 56.0442, 64.9850, 60.6285 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 56.0442, 64.9850, 60.6285 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

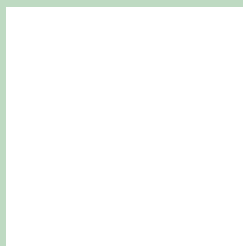
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0442, 64.9850, 60.6285

Background



This preview shows how black text looks on a background with the XYZ color 56.0442, 64.9850, 60.6285.



This preview shows how white text looks on a background with the XYZ color 56.0442, 64.9850,

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

56.0442, 64.9850, 60.6285

Protanopia

61.5543, 64.8710, 57.9923

Deuteranopia

66.0261, 64.5760, 61.8078



Tritanopia

60.8421, 65.0374, 84.2097

Trichromacy



Original Color

56.0442, 64.9850, 60.6285

Protanomaly

59.2106, 64.7600, 58.6694

Deuteranomaly

61.7331, 64.1573, 61.3545

Tritanomaly

59.0730, 65.0800, 75.0939

Monochromacy



Original Color

56.0442, 64.9850, 60.6285

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.0423, 63.2703, 65.0303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0442, 64.9850, 60.6285 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, 218, 194)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 194)  
}
```

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, 218, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 194) }
```

Border

The CSS property to change the border of an element to XYZ 56.0442, 64.9850, 60.6285 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, 218, 194) }
```


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

```
.border{ border-color:rgb(190, 218, 194) }
```

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

Here you see how a box with a 4 pixel rgb(190, 218, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 218, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 218, 194);  
box-shadow:4px 4px 4px 4px rgb(190, 218,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0442, 64.9850, 60.6285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 194) }
```

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

```
.background{ background-color: rgb(190,  
218, 194) }
```

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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