

Converting Colors

XYZ(62.8270, 64.1043, 56.6390)

Have a look what the booklet for
XYZ(62.8270, 64.1043, 56.6390)
contains.

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Color

**XYZ(62.8270, 64.1043,
56.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CEBC
RGB	227, 206, 188
RGB Percent	89%, 81%, 74%
CMY	0.1098, 0.1921, 0.2627
CMYK	0.00, 0.09, 0.17, 0.11
HSL	28°, 41%, 81%
HSV	28°, 17%, 89%
XYZ	62.8270, 64.1043, 56.6390
YIQ	210.2270, 18.2940, -1.1460

Conversions

Conversions Part 2

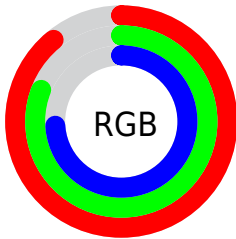
Format	Color
R _Y B	227, 221, 188
Decimal	14929596
CIE Lab	84.02, 4.43, 11.60
CIE LCh	84, 12.418, 69.097
Yxy	64.1043, 0.3423, 0.3492
Android (android.graphics.Color)	4293119676 (0xFFE3CEBC)
YUV	210.2270, -10.9579, 14.7099
Hunter-Lab	80.0652, -0.0454, 14.1032

Details

The XYZ color **62.8270, 64.1043, 56.6390** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4045, 61.8372, 81.5840**, and the grayscale version is **61.4704, 64.6716, 70.4274**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **32.3960, 32.8637, 27.5575** is the 20% darker color. If you saturate the color by 10%, you get **57.7418, 57.5464, 43.8056**, and if you desaturate by 10%, it is **68.5294, 71.2794, 71.5785**.

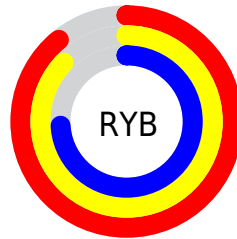
Distribution



Red (89%)

Green (81%)

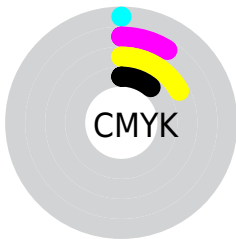
Blue (74%)



Red (89%)

Yellow (87%)

Blue (74%)

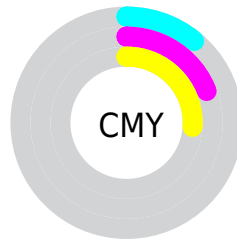


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (11%)



Cyan (11%)


Magenta (19%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8270, 64.1043, 56.6390 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 62.8270, 64.1043, 56.6390 by changing the saturation by 10% instead.


 62.8270, 64.1043,
56.6390

 62.8270, 64.1043,
56.6390

424.6110,
439.5662, 429.5510

 45.9594, 46.7352,
40.3080


 108.0031,
110.7611, 101.4333

 32.4183, 32.8263,
27.4632

137.0423,
140.8176, 130.7338

 21.8383, 21.9934,
17.6859


170.8694,
175.8720, 165.1946

 13.8540, 13.8521,
10.5576

209.8498,
216.3087, 205.2341

 8.1002, 8.0179,
5.6598

254.3488,
262.5120, 251.2710

 4.2115, 4.1064,
2.5739

304.7317,

 1.8225, 1.7332,

314.8665, 303.7237

0.8789

361.3640,
373.7564, 363.0109

■ 0.5312, 0.4450,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8270, 64.1043,
56.6390

■ 62.8270, 64.1043,
56.6390

■ 57.7418, 57.5464,
43.8056

■ 68.5294, 71.2794,
71.5785

■ 53.2454, 51.5797,
32.9781

■ 74.8657, 79.0799,
88.7102

■ 49.3149, 46.1885,
24.0540

■ 81.6801, 87.4535,
107.1830

■ 45.9236, 41.3532,
16.9201

■ 85.4533, 94.9999,
108.4407

■ 43.0422, 37.0530,
11.4508

■ 85.4889, 95.0710,
108.4525

■ 40.6381, 33.2650,
7.5043

■ 38.6738, 29.9641,
4.9143

■ 37.1018, 27.1208,
3.4632

■ 36.7094, 26.3922,
3.1594

Harmonies

Analogous

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



65.1072, 64.1043, 60.7150



62.8270, 64.1043, 56.6390



60.1005, 64.1043, 55.9436

Triad

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



62.8270, 64.1043, 56.6390



55.8770, 64.1043, 72.2100



64.3102, 64.1043, 82.1667

Complementary

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



62.8270, 64.1043, 56.6390



57.4045, 61.8372, 81.5840

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.



61.7655, 64.1043, 85.7711



62.8270, 64.1043, 56.6390



56.9339, 64.1043, 79.7461

Square

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



62.8270, 64.1043, 56.6390



56.1419, 64.1043, 64.5561



59.0700, 64.1043, 84.8535



65.9812, 64.1043, 75.3177

Rectangle

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



62.8270, 64.1043, 56.6390



58.4046, 64.1043, 57.4349



59.0700, 64.1043, 84.8535



63.5256, 64.1043, 83.8204

Sweetspot

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



62.8287, 64.1072, 56.6404



90.9138, 94.9043, 97.7281



61.2270, 56.9240, 68.3754



19.3385, 20.1637, 20.5943



0.0000, 0.0000, 0.0000



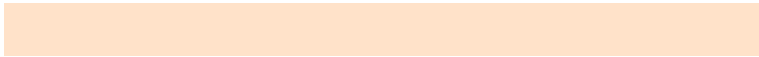
20.3446, 21.4041, 23.3091

Same Dimension

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



62.8287, 64.1072, 56.6404



79.0785, 79.9840, 66.8069



67.6951, 73.8400, 58.2625



14.9225, 15.4590, 15.1018



21.5228, 15.6198, 1.8805



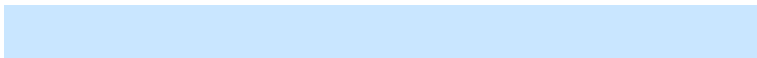
1.6825, 1.3384, 0.1697

Inverse Universe

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



57.4045, 61.8372, 81.5840



70.6331, 76.4490, 105.6411



53.0077, 53.0436, 80.1184



14.2223, 15.1660, 18.3221



12.2779, 11.6179, 43.9785



1.0000, 1.0440, 3.2808

Previews

White Background



This preview shows how the XYZ color 62.8270, 64.1043, 56.6390 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 62.8270, 64.1043, 56.6390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

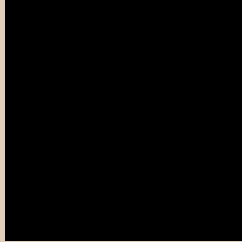
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

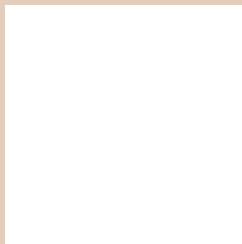
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8270, 64.1043, 56.6390

Background



This preview shows how black text looks on a background with the XYZ color 62.8270, 64.1043, 56.6390.



This preview shows how white text looks on a background with the XYZ color 62.8270, 64.1043,

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

62.8270, 64.1043, 56.6390

Protanopia

61.0082, 64.2241, 57.8962

Deuteranopia

65.2309, 63.9197, 57.0438



Tritanopia

66.5999, 64.2397, 74.5350

Trichromacy



Original Color

62.8270, 64.1043, 56.6390

Protanomaly

61.5600, 64.1580, 57.2833

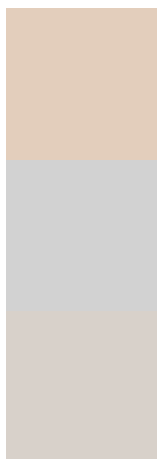
Deuteranomaly

64.1455, 63.7096, 57.0605

Tritanomaly

65.1296, 63.9911, 67.3113

Monochromacy



Original Color

62.8270, 64.1043, 56.6390

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.7800, 64.4641, 65.0638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8270, 64.1043, 56.6390 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(227, 206, 188)` looks like.

```
.text, #text, p{  
    color:rgb(227, 206, 188)  
}
```

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(227, 206, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 206, 188) }
```

Border

The CSS property to change the border of an element to XYZ 62.8270, 64.1043, 56.6390 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(227, 206, 188) }
```


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

```
.border{ border-color:rgb(227, 206, 188) }
```

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

Here you see how a box with a 4 pixel rgb(227, 206, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 206, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 206, 188);  
box-shadow:4px 4px 4px 4px rgb(227, 206,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8270, 64.1043, 56.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 206, 188) }
```

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

```
.background{ background-color: rgb(227,  
206, 188) }
```

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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