

Converting Colors

XYZ(63.5561, 65.5627, 56.8820)

Have a look what the booklet for
XYZ(63.5561, 65.5627, 56.8820)
contains.

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Color

**XYZ(63.5561, 65.5627,
56.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D1BC
RGB	227, 209, 188
RGB Percent	89%, 82%, 74%
CMY	0.1098, 0.1804, 0.2627
CMYK	0.00, 0.08, 0.17, 0.11
HSL	32°, 41%, 81%
HSV	32°, 17%, 89%
XYZ	63.5561, 65.5627, 56.8820
YIQ	211.9880, 17.4690, -2.7150

Conversions

Conversions Part 2

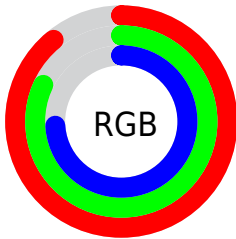
Format	Color
R _Y B	221, 227, 188
Decimal	14930364
CIE Lab	84.77, 2.86, 12.67
CIE LCh	85, 12.988, 77.262
Yxy	65.5627, 0.3417, 0.3525
Android (android.graphics.Color)	4293120444 (0xFFE3D1BC)
YUV	211.9880, -11.8261, 13.1655
Hunter-Lab	80.9708, -1.5896, 15.0283

Details

The XYZ color **63.5561, 65.5627, 56.8820** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6751, 60.3785, 81.3406**, and the grayscale version is **62.6408, 65.9030, 71.7684**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **32.8891, 33.8499, 27.7219** is the 20% darker color. If you saturate the color by 10%, you get **58.8135, 59.6902, 44.1629**, and if you desaturate by 10%, it is **68.8561, 71.9330, 71.6874**.

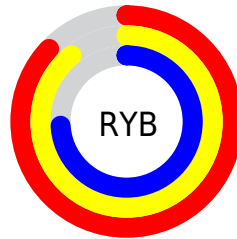
Distribution



Red (89%)

Green (82%)

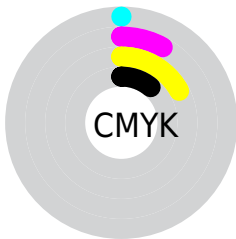
Blue (74%)



Red (87%)

Yellow (89%)

Blue (74%)

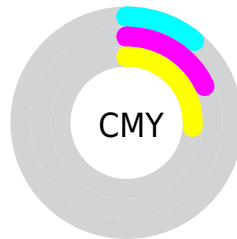


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (11%)



Cyan (11%)


Magenta (18%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5561, 65.5627, 56.8820 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 63.5561, 65.5627, 56.8820 by changing the saturation by 10% instead.

 63.5561, 65.5627,
56.8820

 63.5561, 65.5627,
56.8820


427.2125,
444.8113, 430.4883

 46.5516, 47.9175,
40.5018


 109.0487,
112.8585, 101.7916

 32.8878, 33.7616,
27.6132


138.2675,
143.2778, 131.1581

 22.1993, 22.7105,
17.7978


172.2884,
178.7240, 165.6904

 14.1208, 14.3799,
10.6370

211.4769,
219.5814, 205.8071

 8.2870, 8.3853,
5.7122

256.1981,
266.2345, 251.9267

 4.3325, 4.3425,
2.6049

306.8176,

 1.8919, 1.8669,

319.0675, 304.4677

0.8950

363.7006,
378.4650, 363.8488

■ 0.5721, 0.5284,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5561, 65.5627,
56.8820

■ 63.5561, 65.5627,
56.8820

■ 58.8135, 59.6902,
44.1629

■ 68.8561, 71.9330,
71.6874

■ 54.6020, 54.2930,
33.4303

■ 74.7282, 78.8053,
88.6643

■ 50.9005, 49.3598,
24.5826

■ 81.0151, 86.1237,
106.9613

■ 47.6845, 44.8752,
17.5071

■ 84.1955, 92.4845,
108.0215

■ 44.9270, 40.8227,
12.0791

■ 85.4887, 95.0710,
108.4525

■ 42.5977, 37.1844,
8.1575

■ 40.6618, 33.9403,
5.5770

■ 39.0743, 31.0660,
4.1207

■ 38.6700, 30.3136,
3.8130

Harmonies

Analogous

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



66.1866, 65.5627, 60.2619



63.5561, 65.5627, 56.8820



60.6712, 65.5627, 57.1636

Triad

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



63.5561, 65.5627, 56.8820



57.1281, 65.5627, 76.2435



66.5119, 65.5627, 82.8120

Complementary

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



63.5561, 65.5627, 56.8820



56.6751, 60.3785, 81.3406

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.



63.9890, 65.5627, 87.7925



63.5561, 65.5627, 56.8820



58.5981, 65.5627, 83.8025

Square

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



63.5561, 65.5627, 56.8820



57.0204, 65.5627, 67.9145



61.0909, 65.5627, 88.1685



67.9285, 65.5627, 74.9751

Rectangle

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



63.5561, 65.5627, 56.8820



58.9917, 65.5627, 59.3880



61.0909, 65.5627, 88.1685



65.7616, 65.5627, 84.9014

Sweetspot

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



63.5579, 65.5656, 56.8834



91.2164, 95.5095, 97.8290



60.8273, 56.7641, 66.2713



19.4120, 20.3108, 20.6189



0.0000, 0.0000, 0.0000



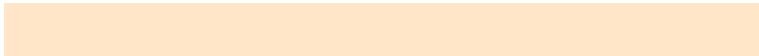
20.3446, 21.4041, 23.3091

Same Dimension

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



63.5579, 65.5656, 56.8834



80.2135, 82.2540, 67.1852



67.8167, 74.6898, 58.4201



15.0167, 15.6474, 15.1332



22.6704, 17.9150, 2.2631



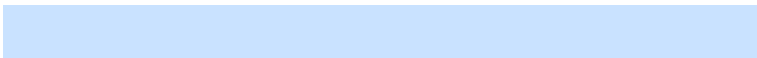
1.7680, 1.5093, 0.1981

Inverse Universe

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



56.6751, 60.3785, 81.3406



69.4981, 74.1792, 105.2628



52.9099, 52.3706, 79.9933



14.1281, 14.9776, 18.2907



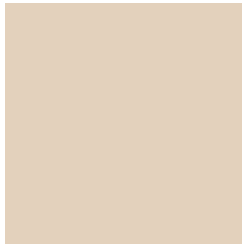
11.1309, 9.3240, 43.5962



0.9146, 0.8732, 3.2523

Previews

White Background



This preview shows how the XYZ color 63.5561, 65.5627, 56.8820 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 63.5561, 65.5627, 56.8820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

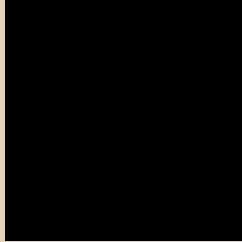
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5561, 65.5627, 56.8820

Background



This preview shows how black text looks on a background with the XYZ color 63.5561, 65.5627, 56.8820.



This preview shows how white text looks on a background with the XYZ color 63.5561, 65.5627,

56.8820.

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

63.5561, 65.5627, 56.8820

Protanopia

62.2984, 65.6348, 57.5294

Deuteranopia

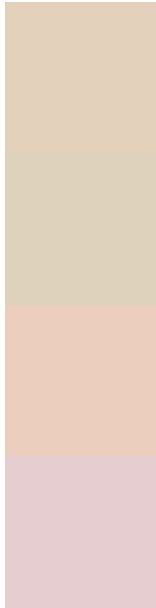
66.7134, 65.3851, 57.2485



Tritanopia

67.4661, 65.3420, 76.7666

Trichromacy



Original Color

63.5561, 65.5627, 56.8820

Protanomaly

62.6633, 65.4553, 57.4755

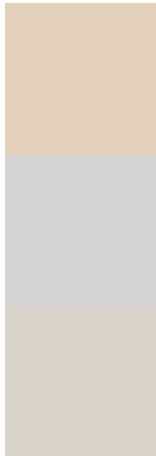
Deuteranomaly

65.5176, 65.4789, 57.3297

Tritanomaly

66.0896, 65.5197, 68.8378

Monochromacy



Original Color

63.5561, 65.5627, 56.8820

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.6890, 65.6520, 65.8680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5561, 65.5627, 56.8820 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, 209, 188)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 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, 209, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 188) }
```

Border

The CSS property to change the border of an element to XYZ 63.5561, 65.5627, 56.8820 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, 209, 188) }
```


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

```
.border{ border-color:rgb(227, 209, 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, 209, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 209, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 209, 188); box-shadow:4px 4px 4px 4px rgb(227, 209, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5561, 65.5627, 56.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 188) }
```

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

```
.background{ background-color: rgb(227,  
209, 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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