

Converting Colors

XYZ(61.9964, 65.3759, 56.3650)

Have a look what the booklet for
XYZ(61.9964, 65.3759, 56.3650)
contains.

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Color

**XYZ(62.0827, 65.5485,
56.3937)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD3BB
RGB	221, 211, 187
RGB Percent	87%, 83%, 73%
CMY	0.1333, 0.1725, 0.2667
CMYK	0.00, 0.05, 0.15, 0.13
HSL	42°, 33%, 80%
HSV	42°, 15%, 87%
XYZ	62.0827, 65.5485, 56.3937
YIQ	211.2540, 13.6640, -5.3440

Conversions

Conversions Part 2

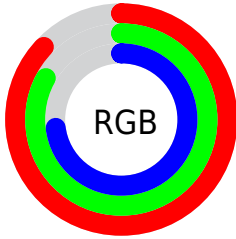
Format	Color
R _Y B	201, 221, 187
Decimal	14537659
CIE Lab	84.77, -0.51, 13.12
CIE LCh	85, 13.128, 92.226
Yxy	65.5485, 0.3374, 0.3562
Android (android.graphics.Color)	4292727739 (0xFFDDD3BB)
YUV	211.2540, -11.9572, 8.5472
Hunter-Lab	80.9620, -4.8075, 15.3753

Details

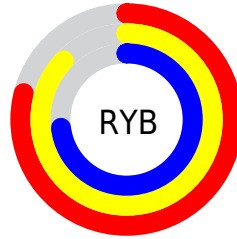
The XYZ color **62.0827, 65.5485, 56.3937** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5108, 55.7167, 76.3413**, and the grayscale version is **62.1565, 65.3935, 71.2135**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **32.0859, 33.9422, 27.4146** is the 20% darker color. If you saturate the color by 10%, you get **58.3155, 61.5130, 44.3500**, and if you desaturate by 10%, it is **66.2829, 69.8660, 70.3796**.

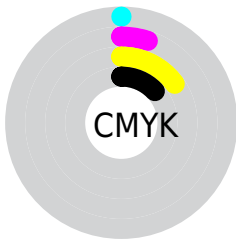
Distribution



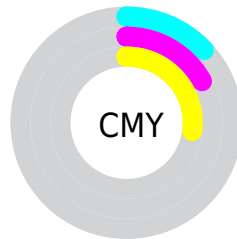
- Red (87%)
- Green (83%)
- Blue (73%)



- Red (79%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0827, 65.5485, 56.3937 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 62.0827, 65.5485, 56.3937 by changing the saturation by 10% instead.

■ 62.0827, 65.5485,
56.3937

■ 62.0827, 65.5485,
56.3937

421.9454,
444.7604, 428.6034

■ 45.3554, 47.9060,
40.1126

■ 106.9343,
112.8381, 101.0715

■ 31.9399, 33.7524,
27.3119

135.7893,
143.2539, 130.3052

■ 21.4709, 22.7035,
17.5731

169.4176,
178.6963, 164.6936

■ 13.5831, 14.3747,
10.4777

208.1845,
219.5496, 204.6551

■ 7.9110, 8.3817,
5.6071

252.4554,
266.1983, 250.6083

■ 4.0894, 4.3402,
2.5428

302.5956,

■ 1.7528, 1.8656,

319.0268, 302.9717

0.8627

358.9705,
378.4193, 362.1639

■ 0.4890, 0.5276,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0827, 65.5485,
56.3937

■ 62.0827, 65.5485,
56.3937

■ 58.3155, 61.5130,
44.3500

■ 66.2829, 69.8660,
70.3796

■ 54.9585, 57.7426,
34.1566

■ 70.9270, 74.4644,
86.3856

■ 51.9950, 54.2315,
25.7206

■ 76.0322, 79.3541,
104.4904

■ 49.4046, 50.9703,
18.9390

■ 78.1516, 83.1574,
106.5397

■ 47.1649, 47.9489,
13.6984

■ 80.0670, 86.9881,
107.1781

■ 45.2511, 45.1558,
9.8706

■ 82.0512, 90.9565,
107.8396

■ 43.6338, 42.5781,
7.3067

■ 83.6291, 94.1123,
108.3655

■ 42.2778, 40.2003,
5.8241

■ 41.7123, 39.1588,
5.3599

Harmonies

Analogous

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



64.9717, 65.5485, 57.9913



62.0827, 65.5485, 56.3937



59.3375, 65.5485, 58.5402

Triad

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



62.0827, 65.5485, 56.3937



57.6438, 65.5485, 80.3516



67.4354, 65.5485, 79.1793

Complementary

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



62.0827, 65.5485, 56.3937



53.5108, 55.7167, 76.3413

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.



65.3634, 65.5485, 85.9521



62.0827, 65.5485, 56.3937



59.7062, 65.5485, 86.6654

Square

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



62.0827, 65.5485, 56.3937



56.8254, 65.5485, 72.0015



62.5216, 65.5485, 88.7902



68.1193, 65.5485, 70.7446

Rectangle

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



62.0827, 65.5485, 56.3937



57.9422, 65.5485, 61.9120



62.5216, 65.5485, 88.7902



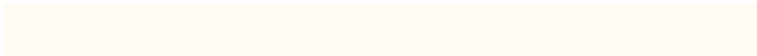
66.8750, 65.5485, 81.7479

Sweetspot

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



62.0845, 65.5514, 56.3951



91.8804, 96.8375, 98.0503



57.6909, 54.9541, 60.5109



19.5736, 20.6338, 20.6727



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.



62.0845, 65.5514, 56.3951



84.3662, 89.0789, 73.1339



62.6168, 69.6277, 57.1538



13.8221, 14.5836, 13.8120



24.3336, 22.9528, 3.1478



1.6497, 1.6335, 0.2284

Inverse Universe

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



53.5108, 55.7167, 76.3413



70.6522, 73.3487, 105.0417



53.0191, 52.2049, 75.6894



12.6491, 13.2379, 16.5406



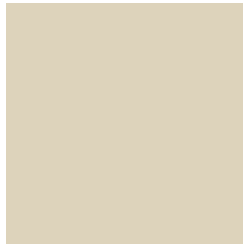
8.7645, 5.3984, 40.3185



0.6415, 0.4971, 2.6366

Previews

White Background



This preview shows how the XYZ color 62.0827, 65.5485, 56.3937 looks on a white background.

Color Contrast Check

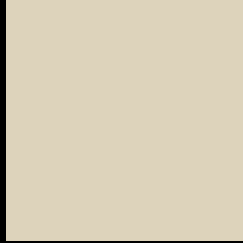
Large Text (above 18pt) WCAG AA × Fail

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 62.0827, 65.5485, 56.3937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

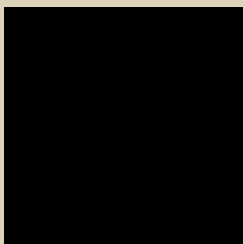
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

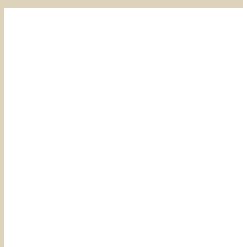
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0827, 65.5485, 56.3937

Background



This preview shows how black text looks on a background with the XYZ color 62.0827, 65.5485, 56.3937.



This preview shows how white text looks on a background with the XYZ color 62.0827, 65.5485,

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

62.0827, 65.5485, 56.3937

Protanopia

62.0827, 65.5485, 56.3937

Deuteranopia

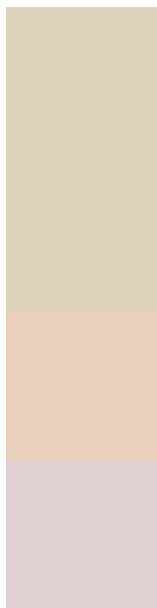
66.6051, 65.3418, 56.6787



Tritanopia

66.6202, 65.5853, 78.2552

Trichromacy



Original Color

62.0827, 65.5485, 56.3937

Protanomaly

62.0827, 65.5485, 56.3937

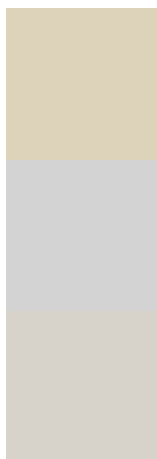
Deuteranomaly

64.9942, 65.5801, 56.8096

Tritanomaly

64.8050, 65.5625, 69.5608

Monochromacy



Original Color

62.0827, 65.5485, 56.3937

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.9793, 65.2999, 65.2146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0827, 65.5485, 56.3937 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(221, 211, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 211, 187)  
}
```

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(221, 211, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 211, 187) }
```

Border

The CSS property to change the border of an element to XYZ 62.0827, 65.5485, 56.3937 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(221, 211, 187) }
```


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

```
.border{ border-color:rgb(221, 211, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 211, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 211, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 211, 187);  
box-shadow:4px 4px 4px 4px rgb(221, 211,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0827, 65.5485, 56.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 211, 187) }
```

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

```
.background{ background-color: rgb(221,  
211, 187) }
```

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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