

Converting Colors

XYZ(62.7606, 66.9712, 56.5482)

Have a look what the booklet for
XYZ(62.7606, 66.9712, 56.5482)
contains.

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Color

**XYZ(62.8350, 67.0531,
56.6445)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD6BB
RGB	221, 214, 187
RGB Percent	87%, 84%, 73%
CMY	0.1333, 0.1608, 0.2667
CMYK	0.00, 0.03, 0.15, 0.13
HSL	48°, 33%, 80%
HSV	48°, 15%, 87%
XYZ	62.8350, 67.0531, 56.6445
YIQ	213.0150, 12.8390, -6.9130

Conversions

Conversions Part 2

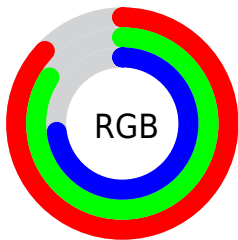
Format	Color
RYB	196, 221, 187
Decimal	14538427
CIELab	85.53, -2.06, 14.20
CIELCh	86, 14.349, 98.265
Yxy	67.0531, 0.3369, 0.3595
Android (android.graphics.Color)	4292728507 (0xFFDDD6BB)
YUV	213.0150, -12.8254, 7.0028
Hunter-Lab	81.8860, -6.3289, 16.3064

Details

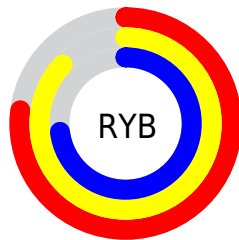
The XYZ color **62.8350, 67.0531, 56.6445** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.8363, 54.3678, 76.1165**, and the grayscale version is **63.3344, 66.6328, 72.5631**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **32.4271, 34.6245, 27.5284** is the 20% darker color. If you saturate the color by 10%, you get **59.5147, 63.9114, 44.7498**, and if you desaturate by 10%, it is **66.5552, 70.4107, 70.4705**.

Distribution



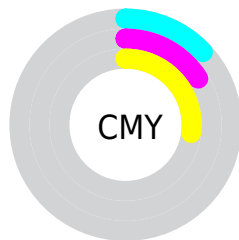
- Red (87%)
- Green (84%)
- Blue (73%)



- Red (77%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (3%)
- Yellow (15%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8350, 67.0531, 56.6445 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 62.8350, 67.0531, 56.6445 by changing the saturation by 10% instead.

■ 62.8350, 67.0531,
56.6445

■ 62.8350, 67.0531,
56.6445

424.6396,
450.1338, 429.5722

■ 45.9659, 49.1278,
40.3124

■ 108.0146,
114.9965, 101.4415

■ 32.4234, 34.7209,
27.4666

137.0558,
145.7834, 130.7434

■ 21.8422, 23.4479,
17.6884

170.8850,
181.6262, 165.2058

■ 13.8570, 14.9246,
10.5594

209.8677,
222.9094, 205.2471

■ 8.1023, 8.7665,
5.6610

254.3691,
270.0174, 251.2858

■ 4.2128, 4.5892,
2.5746

304.7547,

■ 1.8232, 2.0083,

323.3345, 303.7406

0.8793

361.3897,
383.2451, 363.0299

■ 0.5316, 0.6123,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8350, 67.0531,
56.6445

■ 62.8350, 67.0531,
56.6445

■ 59.5147, 63.9114,
44.7498

■ 66.5552, 70.4107,
70.4705

■ 56.5720, 60.9695,
34.6945

■ 70.6857, 73.9819,
86.3053

■ 53.9906, 58.2227,
26.3858

■ 75.2432, 77.7761,
104.2275

■ 51.7508, 55.6627,
19.7211

■ 76.7803, 80.4148,
106.0826

■ 49.8307, 53.2803,
14.5870

■ 78.0784, 83.0109,
106.5153

■ 48.2058, 51.0653,
10.8555

■ 79.4098, 85.6738,
106.9591

■ 46.8477, 49.0059,
8.3780

■ 80.7748, 88.4039,
107.4141

■ 45.7214, 47.0876,
6.9720

■ 82.1737, 91.2017,
107.8804

■ 45.2522, 46.2386,
6.5399

■ 83.6067, 94.0676,
108.3581

Harmonies

Analogous

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



66.0817, 67.0531, 57.5697



62.8350, 67.0531, 56.6445



59.9279, 67.0531, 59.8008

Triad

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



62.8350, 67.0531, 56.6445



58.9355, 67.0531, 84.7022



69.7344, 67.0531, 79.8617

Complementary

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



62.8350, 67.0531, 56.6445



52.8363, 54.3678, 76.1165

Split Complementary

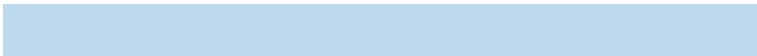
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.6937, 67.0531, 88.0325



62.8350, 67.0531, 56.6445



61.4386, 67.0531, 90.9888

Square

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



62.8350, 67.0531, 56.6445



57.7273, 67.0531, 75.6209



64.6374, 67.0531, 92.2568



70.1392, 67.0531, 70.4587

Rectangle

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



62.8350, 67.0531, 56.6445



58.5476, 67.0531, 63.9673



64.6374, 67.0531, 92.2568



69.2137, 67.0531, 82.8658

Sweetspot

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



62.8368, 67.0561, 56.6459



92.2334, 97.5434, 98.1679



57.3688, 54.8253, 58.8147



19.6595, 20.8057, 20.7013



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.



62.8368, 67.0561, 56.6459



85.5819, 91.5101, 73.5391



61.7960, 69.2045, 57.1155



13.9229, 14.7851, 13.8456



26.3709, 27.0273, 3.8269



1.7670, 1.8680, 0.2674

Inverse Universe

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



52.8363, 54.3678, 76.1165



69.5855, 71.2154, 104.6861



53.7524, 52.5829, 75.7237



12.5547, 13.0490, 16.5092



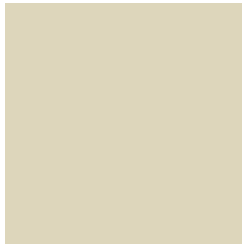
8.2028, 4.2750, 40.1312



0.5937, 0.4015, 2.6206

Previews

White Background



This preview shows how the XYZ color 62.8350, 67.0531, 56.6445 looks on a white background.

Color Contrast Check

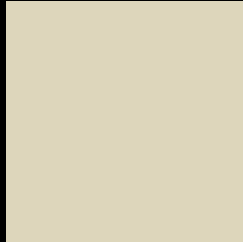
Large Text (above 18pt) WCAG AA × Fail

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 62.8350, 67.0531, 56.6445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

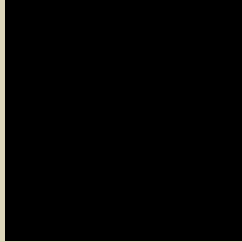
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

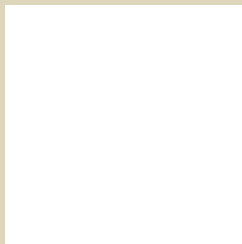
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8350, 67.0531, 56.6445

Background



This preview shows how black text looks on a background with the XYZ color 62.8350, 67.0531, 56.6445.

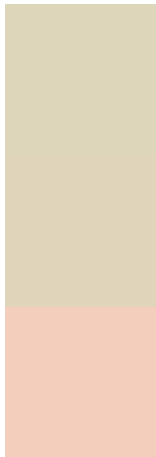


This preview shows how white text looks on a background with the XYZ color 62.8350, 67.0531,

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

62.8350, 67.0531, 56.6445

Protanopia

63.5044, 67.0236, 56.6035

Deuteranopia

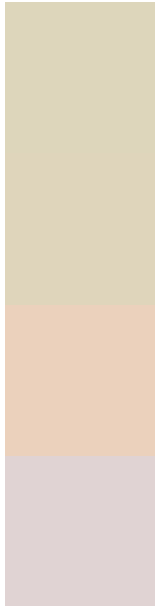
68.2188, 66.8714, 57.4561



Tritanopia

67.7551, 67.2059, 80.6351

Trichromacy



Original Color

62.8350, 67.0531, 56.6445

Protanomaly

63.1953, 66.8643, 56.5891

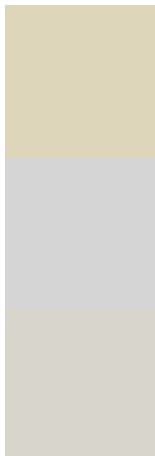
Deuteranomaly

66.1385, 66.8939, 57.0029

Tritanomaly

65.7926, 67.1390, 71.1195

Monochromacy



Original Color

62.8350, 67.0531, 56.6445

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.0122, 66.5471, 66.6505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8350, 67.0531, 56.6445 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, 214, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 214, 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, 214, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 214, 187) }
```

Border

The CSS property to change the border of an element to XYZ 62.8350, 67.0531, 56.6445 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, 214, 187) }
```


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

```
.border{ border-color:rgb(221, 214, 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, 214, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 214, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 214, 187);  
box-shadow:4px 4px 4px 4px rgb(221, 214,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8350, 67.0531, 56.6445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 214, 187) }
```

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

```
.background{ background-color: rgb(221,  
214, 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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