

Converting Colors

XYZ(62.4248, 65.2465, 58.1737)

Have a look what the booklet for
XYZ(62.4248, 65.2465, 58.1737)
contains.

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Color

**XYZ(62.4651, 65.3405,
58.0349)**

Conversions

Conversions Part 1

Format	Color
Hex	DED2BE
RGB	222, 210, 190
RGB Percent	87%, 82%, 75%
CMY	0.1294, 0.1764, 0.2549
CMYK	0.00, 0.05, 0.14, 0.13
HSL	38°, 33%, 81%
HSV	38°, 14%, 87%
XYZ	62.4651, 65.3405, 58.0349
YIQ	211.3080, 13.5720, -3.6760

Conversions

Conversions Part 2

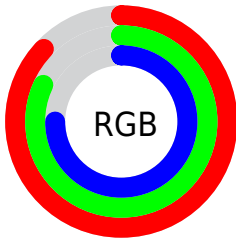
Format	Color
R _Y B	209, 222, 190
Decimal	14602942
CIE Lab	84.66, 0.84, 11.39
CIE LCh	85, 11.422, 85.788
Yxy	65.3405, 0.3361, 0.3516
Android (android.graphics.Color)	4292793022 (0xFFDED2BE)
YUV	211.3080, -10.5048, 9.3769
Hunter-Lab	80.8335, -3.5204, 14.0158

Details

The XYZ color **62.4651, 65.3405, 58.0349** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5404, 58.4610, 77.4647**, and the grayscale version is **62.1830, 65.4214, 71.2439**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **32.3402, 33.7986, 28.4862** is the 20% darker color. If you saturate the color by 10%, you get **58.2202, 60.4421, 45.5469**, and if you desaturate by 10%, it is **67.1901, 70.6063, 72.5079**.

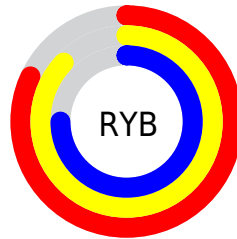
Distribution



Red (87%)

Green (82%)

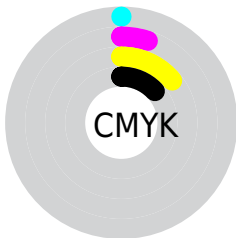
Blue (75%)



Red (82%)

Yellow (87%)

Blue (75%)

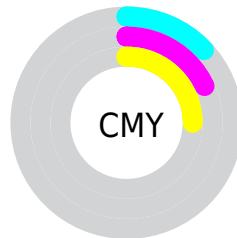


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (13%)



Cyan (13%)

Magenta (18%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4651, 65.3405, 58.0349 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 62.4651, 65.3405, 58.0349 by changing the saturation by 10% instead.

■ 62.4651, 65.3405,
58.0349

■ 62.4651, 65.3405,
58.0349

423.3162,
444.0146, 434.9179

■ 45.6656, 47.7372,
41.4218

■ 107.4836,
112.5393, 103.4890

■ 32.1856, 33.6188,
28.3267

136.4333,
142.9035, 133.1670

■ 21.6595, 22.6009,
18.3309

170.1639,
178.2903, 168.0372

■ 13.7221, 14.2991,
11.0159

209.0406,
219.0838, 208.5179

■ 8.0081, 8.3290,
5.9632

253.4288,
265.6687, 255.0278

■ 4.1520, 4.3062,
2.7543

303.6939,

■ 1.7885, 1.8463,

318.4291, 307.9854

0.9706

360.2013,
377.7496, 367.8092

■ 0.5107, 0.5158,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4651, 65.3405,
58.0349

■ 62.4651, 65.3405,
58.0349

■ 58.2202, 60.4421,
45.5469

■ 67.1901, 70.6063,
72.5079

■ 54.4318, 55.8925,
34.9513

■ 72.4069, 76.2401,
89.0444

■ 51.0820, 51.6842,
26.1546

■ 77.8747, 82.1502,
106.3599

■ 48.1496, 47.8059,
19.0534

■ 80.3131, 87.0269,
107.1727

■ 45.6115, 44.2456,
13.5336

■ 82.8644, 92.1295,
108.0231

■ 43.4415, 40.9901,
9.4672

■ 83.9345, 94.2697,
108.3798

■ 41.6098, 38.0244,
6.7056

■ 40.0803, 35.3312,
5.0680

■ 39.3253, 33.9313,
4.4767

Harmonies

Analogous

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



64.9030, 65.3405, 60.1490



62.4651, 65.3405, 58.0349



59.9947, 65.3405, 59.2313

Triad

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



62.4651, 65.3405, 58.0349



57.7917, 65.3405, 77.4325



66.2493, 65.3405, 79.3386

Complementary

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



62.4651, 65.3405, 58.0349



55.5404, 58.4610, 77.4647

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.



64.2626, 65.3405, 84.5572



62.4651, 65.3405, 58.0349



59.3870, 65.3405, 83.4049

Square

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



62.4651, 65.3405, 58.0349



57.3399, 65.3405, 70.1180



61.7447, 65.3405, 86.0935



67.1253, 65.3405, 72.1813

Rectangle

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



62.4651, 65.3405, 58.0349



58.6545, 65.3405, 61.7921



61.7447, 65.3405, 86.0935



65.6866, 65.3405, 81.3963

Sweetspot

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



62.4669, 65.3434, 58.0363



92.2432, 96.9450, 100.0767



59.2307, 56.6343, 63.8534



19.6335, 20.6292, 21.0764



0.0000, 0.0000, 0.0000



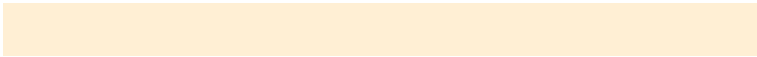
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4669, 65.3434, 58.0363



83.8728, 87.5822, 74.5406



64.4095, 70.9076, 59.0079



14.4175, 15.1209, 14.4655



23.4683, 20.3744, 2.6957



1.7118, 1.5826, 0.2152

Inverse Universe

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



55.5404, 58.4610, 77.4647



72.8166, 76.5972, 105.5546



53.7789, 53.5359, 76.6069



13.3709, 14.0809, 17.4009



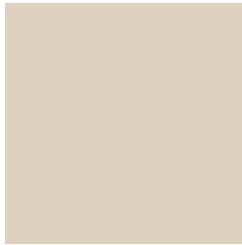
9.7773, 7.0241, 41.8888



0.7618, 0.6550, 2.9315

Previews

White Background



This preview shows how the XYZ color 62.4651, 65.3405, 58.0349 looks on a white background.

Color Contrast Check

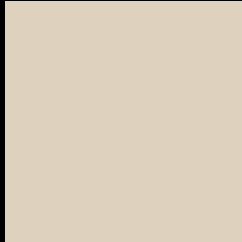
Large Text (above 18pt) WCAG AA × Fail

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 62.4651, 65.3405, 58.0349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

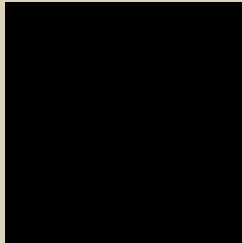
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

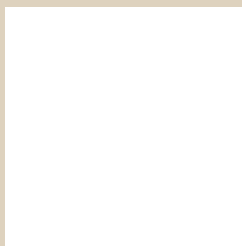
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4651, 65.3405, 58.0349

Background



This preview shows how black text looks on a background with the XYZ color 62.4651, 65.3405, 58.0349.

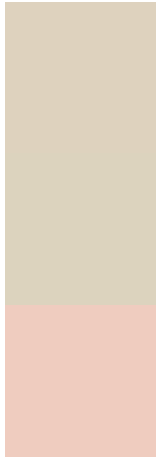


This preview shows how white text looks on a background with the XYZ color 62.4651, 65.3405,

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

62.4651, 65.3405, 58.0349

Protanopia

62.1037, 65.5219, 58.0890

Deuteranopia

66.5934, 65.2980, 58.3841



Tritanopia

66.3802, 65.1053, 78.1752

Trichromacy



Original Color

62.4651, 65.3405, 58.0349

Protanomaly

62.4073, 65.6784, 58.1032

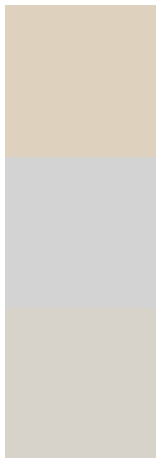
Deuteranomaly

65.0795, 65.2278, 58.4504

Tritanomaly

64.9970, 65.2863, 70.1486

Monochromacy



Original Color

62.4651, 65.3405, 58.0349

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.0981, 65.3474, 65.8403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4651, 65.3405, 58.0349 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(222, 210, 190)` looks like.

```
.text, #text, p{  
    color:rgb(222, 210, 190)  
}
```

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(222, 210, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 210, 190) }
```

Border

The CSS property to change the border of an element to XYZ 62.4651, 65.3405, 58.0349 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(222, 210, 190) }
```


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

```
.border{ border-color:rgb(222, 210, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 210, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 210, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 210, 190); box-shadow:4px 4px 4px 4px rgb(222, 210, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4651, 65.3405, 58.0349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 210, 190) }
```

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

```
.background{ background-color: rgb(222,  
210, 190) }
```

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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