

Converting Colors

XYZ(62.6942, 65.9716, 51.5489)

Have a look what the booklet for
XYZ(62.6942, 65.9716, 51.5489)
contains.

XYZ(62.6942, 65.9716, 51.5489)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.6942, 65.9716,
51.5489)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D3B2
RGB	226, 211, 178
RGB Percent	89%, 83%, 70%
CMY	0.1137, 0.1725, 0.3020
CMYK	0.00, 0.07, 0.21, 0.11
HSL	41°, 45%, 79%
HSV	41°, 21%, 89%
XYZ	62.6942, 65.9716, 51.5489
YIQ	211.7230, 19.5330, -7.0830

Conversions

Conversions Part 2

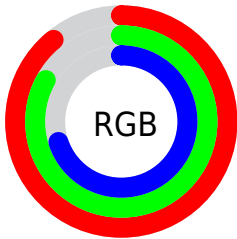
Format	Color
RYB	200, 226, 178
Decimal	14865330
CIELab	84.98, -0.02, 18.23
CIELCh	85, 18.229, 90.071
Yxy	65.9716, 0.3479, 0.3661
Android (android.graphics.Color)	4293055410 (0xFFE2D3B2)
YUV	211.7230, -16.6254, 12.5209
Hunter-Lab	81.2229, -4.3598, 19.2271

Details

The XYZ color **62.6942, 65.9716, 51.5489** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.1573, 53.0947, 79.5041**, and the grayscale version is **62.4946, 65.7492, 71.6009**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **32.3362, 34.1407, 24.2875** is the 20% darker color. If you saturate the color by 10%, you get **58.8943, 61.7086, 39.9944**, and if you desaturate by 10%, it is **66.9486, 70.5442, 65.1008**.

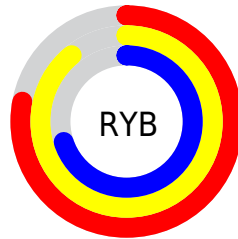
Distribution



Red (89%)

Green (83%)

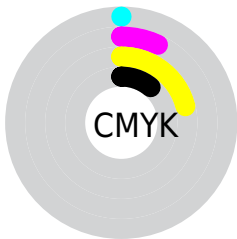
Blue (70%)



Red (78%)

Yellow (89%)

Blue (70%)

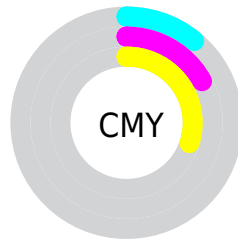


Cyan (0%)

Magenta (7%)

Yellow (21%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6942, 65.9716, 51.5489 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 62.6942, 65.9716, 51.5489 by changing the saturation by 10% instead.

■ 62.6942, 65.9716,
51.5489

■ 62.6942, 65.9716,
51.5489

424.1361,
446.2753, 409.5999

■ 45.8516, 48.2493,
36.2659

■ 107.8125,
113.4456, 93.8854

■ 32.3328, 34.0244,
24.3483

136.8189,
143.9661, 121.7760

■ 21.7726, 22.9123,
15.3776

170.6106,
179.5215, 154.7062

■ 13.8056, 14.5288,
8.9353

209.5530,
220.4961, 193.0945

■ 8.0664, 8.4894,
4.6027

254.0114,
267.2744, 237.3595

■ 4.1896, 4.4096,
1.9615

304.3511,

■ 1.8100, 1.9052,

320.2408, 287.9197

0.5314

360.9376,
379.7796, 345.1936

■ 0.5237, 0.5515,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6942, 65.9716,
51.5489

■ 62.6942, 65.9716,
51.5489

■ 58.8943, 61.7086,
39.9944

■ 66.9486, 70.5442,
65.1008

■ 55.5243, 57.7370,
30.3364

■ 71.6702, 75.4262,
80.7361

■ 52.5651, 54.0499,
22.4716

■ 76.8776, 80.6289,
98.5405

■ 49.9941, 50.6365,
16.2850

■ 80.3532, 85.2667,
106.8308

■ 47.7857, 47.4851,
11.6482

■ 82.4636, 89.4876,
107.5343

■ 45.9111, 44.5822,
8.4138

■ 84.6558, 93.8720,
108.2650

■ 44.3357, 41.9125,
6.4058

■ 85.1743, 94.9089,
108.4378

■ 43.1517, 39.7438,
5.3970

Harmonies

Analogous

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



66.7174, 65.9716, 53.9984



62.6942, 65.9716, 51.5489



58.8386, 65.9716, 54.0217

Triad

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



62.6942, 65.9716, 51.5489



56.1302, 65.9716, 83.7412



69.7826, 65.9716, 83.6872

Complementary

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



62.6942, 65.9716, 51.5489



51.1573, 53.0947, 79.5041

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.



66.7351, 65.9716, 93.1805



62.6942, 65.9716, 51.5489



58.8549, 65.9716, 93.2140

Square

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



62.6942, 65.9716, 51.5489



55.1511, 65.9716, 71.8600



62.7139, 65.9716, 96.8396



70.9169, 65.9716, 71.8037

Rectangle

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



62.6942, 65.9716, 51.5489



56.8545, 65.9716, 58.3016



62.7139, 65.9716, 96.8396



68.9416, 65.9716, 87.3084

Sweetspot

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



62.6959, 65.9746, 51.5503



91.1777, 96.0416, 95.9369



56.9331, 51.8696, 57.5811



19.4285, 20.4666, 20.2457



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.



62.6959, 65.9746, 51.5503



80.4039, 84.4974, 61.5065



63.9076, 72.3900, 52.7247



14.4917, 15.2693, 14.4903



24.7284, 22.8947, 3.1158



1.7929, 1.7446, 0.2422

Inverse Universe

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



51.1573, 53.0947, 79.5041



62.9343, 64.9998, 103.8370



50.0933, 47.8723, 78.5521



13.2997, 13.9385, 17.3771



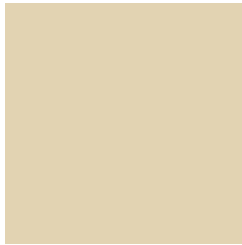
9.1962, 5.8619, 41.6951



0.7156, 0.5626, 2.9161

Previews

White Background



This preview shows how the XYZ color 62.6942, 65.9716, 51.5489 looks on a white background.

Color Contrast Check

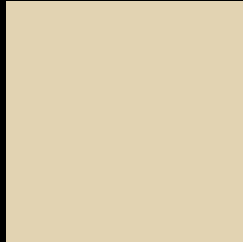
Large Text (above 18pt) WCAG AA × Fail

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 62.6942, 65.9716, 51.5489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

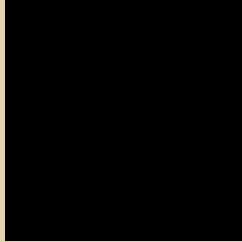
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6942, 65.9716, 51.5489

Background



This preview shows how black text looks on a background with the XYZ color 62.6942, 65.9716, 51.5489.

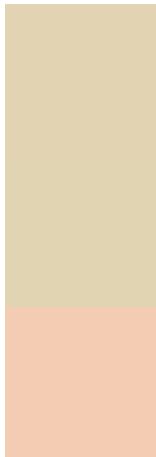


This preview shows how white text looks on a background with the XYZ color 62.6942, 65.9716,

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

62.6942, 65.9716, 51.5489

Protanopia

62.3198, 66.1486, 51.6028

Deuteranopia

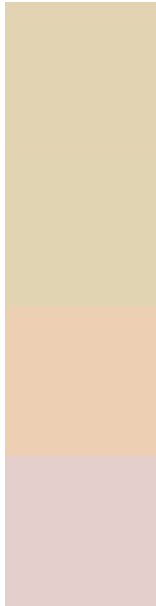
67.0378, 65.6735, 51.7908



Tritanopia

67.8375, 65.8720, 77.5458

Trichromacy



Original Color

62.6942, 65.9716, 51.5489

Protanomaly

62.6307, 66.3089, 51.6174

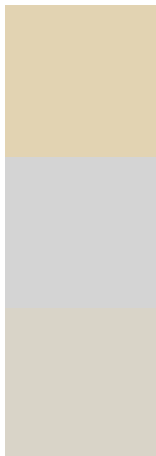
Deuteranomaly

65.3746, 65.8848, 51.9193

Tritanomaly

65.6454, 65.6914, 66.9774

Monochromacy



Original Color

62.6942, 65.9716, 51.5489

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.5841, 66.0088, 64.0860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6942, 65.9716, 51.5489 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(226, 211, 178)` looks like.

```
.text, #text, p{  
    color:rgb(226, 211, 178)  
}
```

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(226, 211, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 211, 178) }
```

Border

The CSS property to change the border of an element to XYZ 62.6942, 65.9716, 51.5489 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(226, 211, 178) }
```


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

```
.border{ border-color:rgb(226, 211, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 211, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 211, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 211, 178);  
box-shadow:4px 4px 4px 4px rgb(226, 211,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6942, 65.9716, 51.5489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 211, 178) }
```

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

```
.background{ background-color: rgb(226,  
211, 178) }
```

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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