

Converting Colors

XYZ(62.5941, 65.9316, 51.0220)

Have a look what the booklet for
XYZ(62.5941, 65.9316, 51.0220)
contains.

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Color

**XYZ(62.5941, 65.9316,
51.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D3B1
RGB	226, 211, 177
RGB Percent	89%, 83%, 69%
CMY	0.1137, 0.1725, 0.3059
CMYK	0.00, 0.07, 0.22, 0.11
HSL	42°, 46%, 79%
HSV	42°, 22%, 89%
XYZ	62.5941, 65.9316, 51.0220
YIQ	211.6090, 19.8540, -7.3940

Conversions

Conversions Part 2

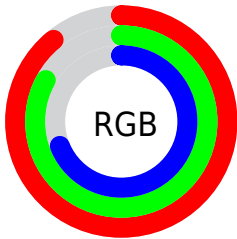
Format	Color
R _Y B	199, 226, 177
Decimal	14865329
CIE Lab	84.96, -0.17, 18.73
CIE LCh	85, 18.728, 90.509
Yxy	65.9316, 0.3486, 0.3672
Android (android.graphics.Color)	4293055409 (0xFFE2D3B1)
YUV	211.6090, -17.0622, 12.6209
Hunter-Lab	81.1983, -4.4950, 19.5831

Details

The XYZ color **62.5941, 65.9316, 51.0220** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.7083, 52.5361, 79.4197**, and the grayscale version is **62.4216, 65.6724, 71.5172**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **32.2726, 34.1152, 23.9527** is the 20% darker color. If you saturate the color by 10%, you get **58.8446, 61.7436, 39.5638**, and if you desaturate by 10%, it is **66.7942, 70.4226, 64.4724**.

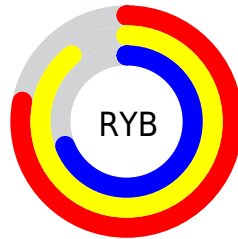
Distribution



Red (89%)

Green (83%)

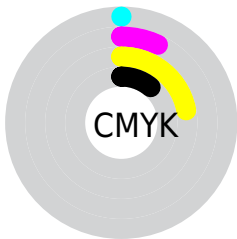
Blue (69%)



Red (78%)

Yellow (89%)

Blue (69%)

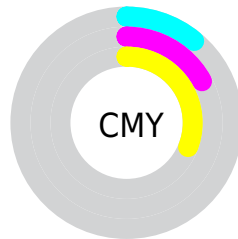


Cyan (0%)

Magenta (7%)

Yellow (22%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5941, 65.9316, 51.0220 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 62.5941, 65.9316, 51.0220 by changing the saturation by 10% instead.

■ 62.5941, 65.9316,
51.0220

■ 62.5941, 65.9316,
51.0220

423.7780,
446.1322, 407.4982

■ 45.7703, 48.2169,
35.8493

■ 107.6688,
113.3882, 93.0991

■ 32.2685, 33.9987,
24.0290

136.6505,
143.8988, 120.8406

■ 21.7232, 22.8926,
15.1428

170.4155,
179.4435, 153.6087

■ 13.7691, 14.5142,
8.7719

209.3292,
220.4067, 191.8221

■ 8.0409, 8.4792,
4.4979

253.7569,
267.1728, 235.8992

■ 4.1731, 4.4031,
1.9023

304.0641,

■ 1.8005, 1.9015,

320.1261, 286.2585

0.4942

360.6160,
379.6511, 343.3187

■ 0.5180, 0.5493,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5941, 65.9316,
51.0220

■ 62.5941, 65.9316,
51.0220

■ 58.8446, 61.7436,
39.5638

■ 66.7942, 70.4226,
64.4724

■ 55.5211, 57.8406,
29.9968

■ 71.4575, 75.2165,
80.0012

■ 52.6046, 54.2157,
22.2171

■ 76.6028, 80.3242,
97.6945

■ 50.0721, 50.8582,
16.1093

■ 80.1843, 84.9290,
106.7745

■ 47.8984, 47.7565,
11.5441

■ 82.2443, 89.0491,
107.4612

■ 46.0542, 44.8973,
8.3735

■ 84.3827, 93.3258,
108.1740

■ 44.5050, 42.2650,
6.4195

■ 85.1742, 94.9088,
108.4378

■ 43.3939, 40.2282,
5.4777

Harmonies

Analogous

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



66.7338, 65.9316, 53.4496



62.5941, 65.9316, 51.0220



58.6477, 65.9316, 53.6191

Triad

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



62.5941, 65.9316, 51.0220



55.9509, 65.9316, 84.2057



69.9753, 65.9316, 83.8094

Complementary

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



62.5941, 65.9316, 51.0220



50.7083, 52.5361, 79.4197

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.



66.8638, 65.9316, 93.6582



62.5941, 65.9316, 51.0220



58.7670, 65.9316, 93.9044

Square

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



62.5941, 65.9316, 51.0220



54.9190, 65.9316, 71.9945



62.7380, 65.9316, 97.5399



71.1093, 65.9316, 71.5825

Rectangle

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



62.5941, 65.9316, 51.0220



56.6274, 65.9316, 58.0382



62.7380, 65.9316, 97.5399



69.1193, 65.9316, 87.5548

Sweetspot

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



62.5958, 65.9346, 51.0234



90.5900, 95.4673, 93.8881



56.6586, 51.4426, 57.1138



19.3108, 20.3523, 19.8329



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.



62.5958, 65.9346, 51.0234



80.0183, 84.1721, 60.0030



63.7529, 72.3217, 52.1953



14.4993, 15.2846, 14.4928



24.8656, 23.1691, 3.1615



1.8016, 1.7620, 0.2451

Inverse Universe

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



50.7083, 52.5361, 79.4197



61.7598, 63.5962, 103.6280



49.6960, 47.3732, 78.4765



13.2924, 13.9240, 17.3747



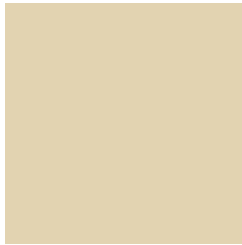
9.1435, 5.7566, 41.6776



0.7112, 0.5539, 2.9147

Previews

White Background



This preview shows how the XYZ color 62.5941, 65.9316, 51.0220 looks on a white background.

Color Contrast Check

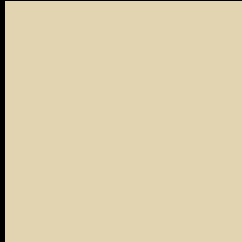
Large Text (above 18pt) WCAG AA × Fail

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 62.5941, 65.9316, 51.0220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

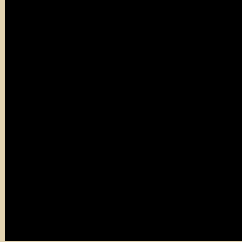
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

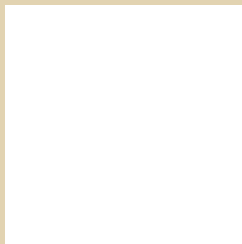
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5941, 65.9316, 51.0220

Background



This preview shows how black text looks on a background with the XYZ color 62.5941, 65.9316, 51.0220.

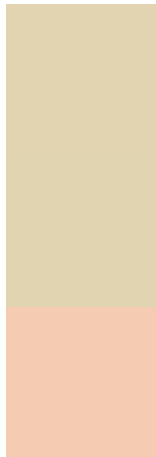


This preview shows how white text looks on a background with the XYZ color 62.5941, 65.9316,

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

62.5941, 65.9316, 51.0220

Protanopia

62.2198, 66.1086, 51.0759

Deuteranopia

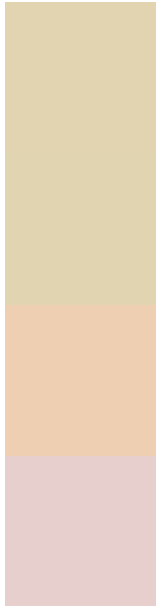
67.2849, 65.8126, 51.2763



Tritanopia

68.1612, 66.0389, 77.5609

Trichromacy



Original Color

62.5941, 65.9316, 51.0220

Protanomaly

62.5306, 66.2688, 51.0904

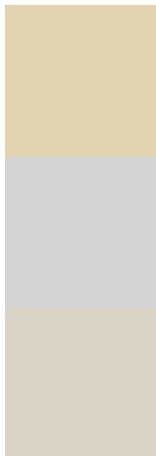
Deuteranomaly

65.6086, 66.0171, 51.4041

Tritanomaly

65.9654, 65.8564, 66.9924

Monochromacy



Original Color

62.5941, 65.9316, 51.0220

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.4676, 65.9622, 63.4724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5941, 65.9316, 51.0220 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(226, 211, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 211, 177) }
```

Border

The CSS property to change the border of an element to XYZ 62.5941, 65.9316, 51.0220 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, 177) }
```


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

```
.border{ border-color:rgb(226, 211, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 211, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 211, 177); box-shadow:4px 4px 4px 4px rgb(226, 211, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5941, 65.9316, 51.0220 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, 177) }
```

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

```
.background{ background-color: rgb(226,  
211, 177) }
```

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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