

Converting Colors

XYZ(64.4428, 65.9173, 61.5514)

Have a look what the booklet for
XYZ(64.4428, 65.9173, 61.5514)
contains.

XYZ(64.4428, 65.9173, 61.5514)	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(64.4428, 65.9173,
61.5514)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D1C4
RGB	227, 209, 196
RGB Percent	89%, 82%, 77%
CMY	0.1098, 0.1804, 0.2314
CMYK	0.00, 0.08, 0.14, 0.11
HSL	25°, 36%, 83%
HSV	25°, 14%, 89%
XYZ	64.4428, 65.9173, 61.5514
YIQ	212.9000, 14.9010, -0.2270

Conversions

Conversions Part 2

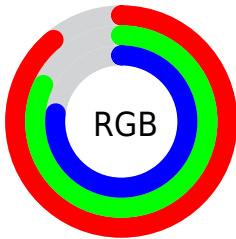
Format	Color
R _Y B	227, 218, 196
Decimal	14930372
CIE Lab	84.95, 4.11, 8.69
CIE LCh	85, 9.611, 64.707
Yxy	65.9173, 0.3358, 0.3435
Android (android.graphics.Color)	4293120452 (0xFFE3D1C4)
YUV	212.9000, -8.3317, 12.3657
Hunter-Lab	81.1895, -0.4001, 11.8837

Details

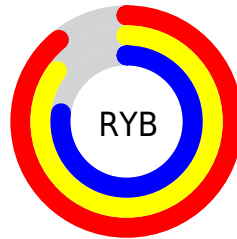
The XYZ color **64.4428, 65.9173, 61.5514** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6764, 65.3737, 82.0940**, and the grayscale version is **63.2274, 66.5202, 72.4405**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **33.3984, 34.0536, 30.4039** is the 20% darker color. If you saturate the color by 10%, you get **58.9520, 58.7621, 47.9234**, and if you desaturate by 10%, it is **70.5957, 73.7697, 77.3303**.

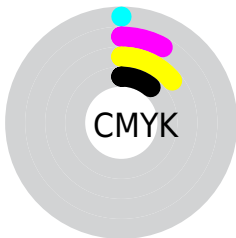
Distribution



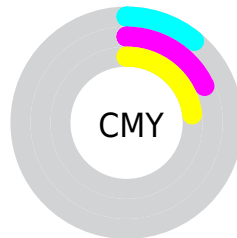
- Red (89%)
- Green (82%)
- Blue (77%)



- Red (89%)
- Yellow (85%)
- Blue (77%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4428, 65.9173, 61.5514 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 64.4428, 65.9173, 61.5514 by changing the saturation by 10% instead.

64.4428, 65.9173,
61.5514

64.4428, 65.9173,
61.5514

430.3638,
446.0811, 448.2553

47.2724, 48.2053,
44.2369

110.3186,
113.3676, 108.6422

33.4599, 33.9895,
30.5182

139.7547,
143.8747, 139.2556

22.6399, 22.8855,
19.9769

174.0101,
179.4156, 175.1390

14.4471, 14.5090,
12.1943

213.4501,
220.3747, 216.7109

8.5160, 8.4755,
6.7520

258.4402,
267.1364, 264.3900

4.4815, 4.4007,
3.2314

309.3456,

1.9780, 1.9001,

320.0851, 318.5947

1.2140

366.5317,
379.6052, 379.7436

■ 0.6215, 0.5485,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.4428, 65.9173,
61.5514

■ 64.4428, 65.9173,
61.5514

■ 58.9520, 58.7621,
47.9234

■ 70.5957, 73.7697,
77.3303

■ 54.0938, 52.2753,
36.3478

■ 77.4278, 82.3294,
95.3444

■ 49.8446, 46.4390,
26.7246

■ 83.4620, 91.0174,
107.7769

■ 46.1770, 41.2311,
18.9435

■ 85.4888, 95.0710,
108.4525

■ 43.0610, 36.6280,
12.8834

■ 40.4638, 32.6044,
8.4081

■ 38.3479, 29.1324,
5.3606

■ 36.6694, 26.1810,
3.5506

■ 35.7913, 24.5559,
2.8534

Harmonies

Analogous

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



66.1274, 65.9173, 65.2141



64.4428, 65.9173, 61.5514



62.3124, 65.9173, 60.5641

Triad

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



64.4428, 65.9173, 61.5514



58.6056, 65.9173, 72.7527



65.0459, 65.9173, 81.9965

Complementary

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



64.4428, 65.9173, 61.5514



60.6764, 65.3737, 82.0940

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.



62.9937, 65.9173, 84.2853



64.4428, 65.9173, 61.5514



59.3014, 65.9173, 78.7570

Square

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



64.4428, 65.9173, 61.5514



58.9736, 65.9173, 66.8122



60.8955, 65.9173, 83.0673



66.4811, 65.9173, 76.9729

Rectangle

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



64.4428, 65.9173, 61.5514



60.9333, 65.9173, 61.5050



60.8955, 65.9173, 83.0673



64.4036, 65.9173, 83.1240

Sweetspot

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



64.4446, 65.9202, 61.5528



91.5909, 95.6404, 99.8593



63.5675, 60.6710, 72.0352



19.4684, 20.2991, 21.0214



0.0000, 0.0000, 0.0000



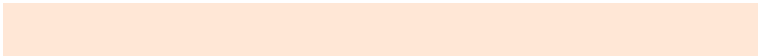
20.3446, 21.4041, 23.3091

Same Dimension

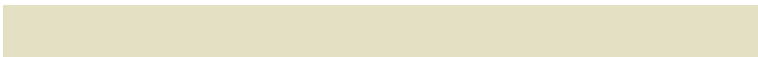
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.4446, 65.9202, 61.5528



82.0674, 83.4537, 75.5351



68.4108, 73.8527, 62.8749



14.8713, 15.3565, 15.0848



20.9829, 14.5400, 1.7006



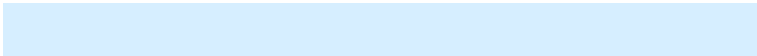
1.6407, 1.2547, 0.1557

Inverse Universe

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



60.6764, 65.3737, 82.0940



76.3810, 82.6283, 106.5309



56.9587, 57.9382, 80.8548



14.2743, 15.2700, 18.3394



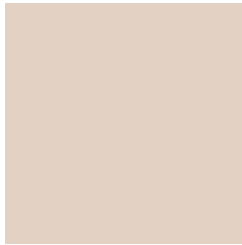
12.9985, 13.0590, 44.2187



1.0519, 1.1477, 3.2981

Previews

White Background



This preview shows how the XYZ color 64.4428, 65.9173, 61.5514 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 64.4428, 65.9173, 61.5514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

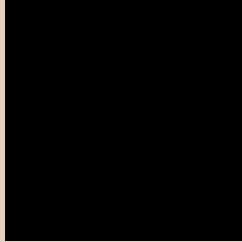
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4428, 65.9173, 61.5514

Background



This preview shows how black text looks on a background with the XYZ color 64.4428, 65.9173, 61.5514.



This preview shows how white text looks on a background with the XYZ color 64.4428, 65.9173,

61.5514.

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

64.4428, 65.9173, 61.5514

Protanopia

62.8875, 65.8354, 62.2163

Deuteranopia

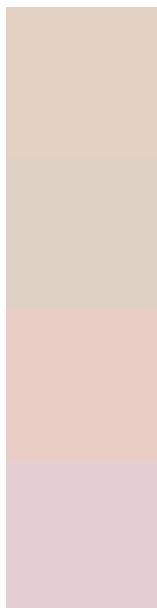
67.1693, 65.8710, 61.9975



Tritanopia

67.5156, 65.7061, 77.5307

Trichromacy



Original Color

64.4428, 65.9173, 61.5514

Protanomaly

63.5561, 65.8124, 62.1766

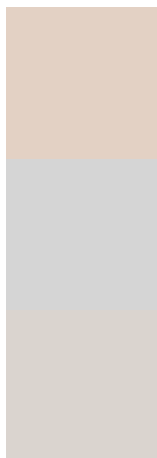
Deuteranomaly

66.0810, 65.6663, 62.0153

Tritanomaly

66.2681, 65.5541, 71.4479

Monochromacy



Original Color

64.4428, 65.9173, 61.5514

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.7194, 66.4974, 68.5084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4428, 65.9173, 61.5514 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(227, 209, 196)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 196)  
}
```

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(227, 209, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 196) }
```

Border

The CSS property to change the border of an element to XYZ 64.4428, 65.9173, 61.5514 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(227, 209, 196) }
```


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

```
.border{ border-color:rgb(227, 209, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 209, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 209, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 209, 196);  
box-shadow:4px 4px 4px 4px rgb(227, 209,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4428, 65.9173, 61.5514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 196) }
```

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

```
.background{ background-color: rgb(227,  
209, 196) }
```

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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