

Converting Colors

XYZ(64.0316, 61.5102, 75.5157)

Have a look what the booklet for
XYZ(64.0316, 61.5102, 75.5157)
contains.

XYZ(64.0316, 61.5102, 75.5157)	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(64.0316, 61.5102,
75.5157)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C6DB
RGB	225, 198, 219
RGB Percent	88%, 78%, 86%
CMY	0.1176, 0.2235, 0.1412
CMYK	0.00, 0.12, 0.03, 0.12
HSL	313°, 31%, 83%
HSV	313°, 12%, 88%
XYZ	64.0316, 61.5102, 75.5157
YIQ	208.4670, 9.3510, 12.2550

Conversions

Conversions Part 2

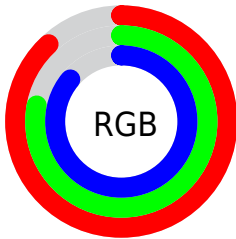
Format	Color
R _Y B	225, 198, 219
Decimal	14796507
CIE Lab	82.65, 13.09, -6.94
CIE LCh	83, 14.819, 332.060
Yxy	61.5102, 0.3185, 0.3059
Android (android.graphics.Color)	4292986587 (0xFFE1C6DB)
YUV	208.4670, 5.1928, 14.4994
Hunter-Lab	78.4284, 8.4836, -2.1881

Details

The XYZ color **64.0316, 61.5102, 75.5157** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1154, 70.2175, 67.4622**, and the grayscale version is **60.2219, 63.3581, 68.9970**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2517, 31.1729, 39.3864** is the 20% darker color. If you saturate the color by 10%, you get **58.6179, 51.7198, 70.5122**, and if you desaturate by 10%, it is **70.2326, 72.8418, 80.8807**.

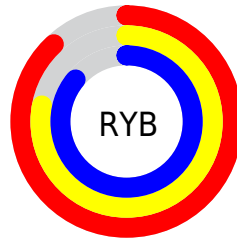
Distribution



Red (88%)

Green (78%)

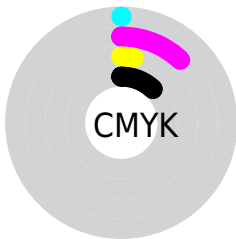
Blue (86%)



Red (88%)

Yellow (78%)

Blue (86%)

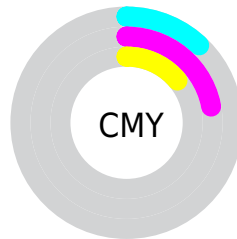


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (12%)



Cyan (12%)

Magenta (22%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0316, 61.5102, 75.5157 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 64.0316, 61.5102, 75.5157 by changing the saturation by 10% instead.

64.0316, 61.5102,
75.5157

64.0316, 61.5102,
75.5157

428.9042,
430.1422, 498.9909

46.9380, 44.6370,
55.5312

109.7299,
107.0173, 128.7959

33.1944, 31.1716,
39.4257

139.0654,
136.4201, 162.9287

22.4354, 20.7296,
26.7807

173.2122,
170.7682, 202.6146

14.2955, 12.9265,
17.1776

212.5358,
210.4460, 248.2723

8.4096, 7.3779,
10.1979

257.4014,
255.8379, 300.3202

4.4121, 3.6996,
5.4231

308.1744,

1.9378, 1.5070,

307.3283, 359.1769

2.4345

365.2202,
365.3016, 425.2609

■ 0.5987, 0.2936,
0.8051

■ 0.0000, 0.0000,
0.0000

■ 64.0316, 61.5102,
75.5157

■ 64.0316, 61.5102,
75.5157

■ 58.6179, 51.7198,
70.5122

■ 70.2326, 72.8418,
80.8807

■ 53.9524, 43.3953,
65.8541

■ 77.2472, 85.7695,
86.6146

■ 50.0007, 36.4673,
61.5298

■ 81.6635, 93.4685,
91.5816

■ 46.7234, 30.8573,
57.5254

■ 82.3923, 93.7600,
95.4195

■ 44.0775, 26.4794,
53.8256

■ 83.1416, 94.0597,
99.3651

■ 42.0145, 23.2373,
50.4133

■ 83.9115, 94.3677,
103.4193

■ 40.4790, 21.0201,
47.2693

■ 84.7021, 94.6839,
107.5827

■ 39.4044, 19.6950,
44.3703

■ 84.8617, 94.7478,
108.4232

■ 38.7890, 19.1027,
42.1973

Harmonies

Analogous

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



61.7686, 61.5102, 82.9325



64.0316, 61.5102, 75.5157



64.7874, 61.5102, 66.3468

Triad

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



64.0316, 61.5102, 75.5157



58.2441, 61.5102, 50.9588



53.4348, 61.5102, 76.7028

Complementary

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



64.0316, 61.5102, 75.5157



61.1154, 70.2175, 67.4622

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.



52.5653, 61.5102, 67.6055



64.0316, 61.5102, 75.5157



55.2787, 61.5102, 53.2067

Square

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



64.0316, 61.5102, 75.5157



61.3746, 61.5102, 52.6687



53.2281, 61.5102, 59.1023



55.6462, 61.5102, 83.6604

Rectangle

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



64.0316, 61.5102, 75.5157



64.3135, 61.5102, 60.6121



53.2281, 61.5102, 59.1023



52.9796, 61.5102, 73.7665

Sweetspot

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



64.0334, 61.5129, 75.5170



91.5190, 93.5187, 105.9330



58.6480, 58.6437, 79.4634



19.4509, 19.7642, 22.5565



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.



64.0334, 61.5129, 75.5170



83.4485, 78.7992, 98.8603



62.3456, 60.8378, 66.6294



14.1578, 13.8808, 16.6012



22.3974, 11.0260, 24.5563



1.5850, 0.7773, 1.8734

Inverse Universe

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



64.0334, 61.5129, 75.5170



83.4485, 78.7992, 98.8603



62.7859, 70.8857, 76.2594



14.1578, 13.8808, 16.6012



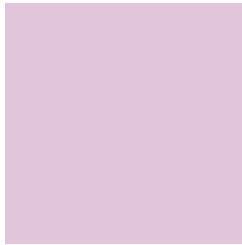
22.3974, 11.0260, 24.5563



1.5850, 0.7773, 1.8734

Previews

White Background



This preview shows how the XYZ color 64.0316, 61.5102, 75.5157 looks on a white background.

Color Contrast Check

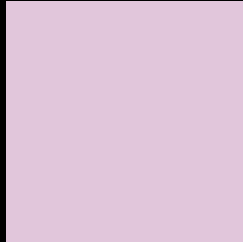
Large Text (above 18pt) WCAG AA × Fail

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 64.0316, 61.5102, 75.5157 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

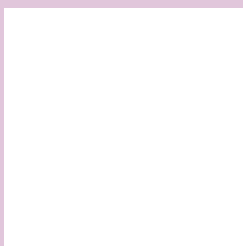
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0316, 61.5102, 75.5157

Background



This preview shows how black text looks on a background with the XYZ color 64.0316, 61.5102, 75.5157.



This preview shows how white text looks on a background with the XYZ color 64.0316, 61.5102,

75.5157.

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

64.0316, 61.5102, 75.5157

Protanopia

60.3274, 61.9695, 78.5937

Deuteranopia

62.9557, 61.6387, 75.5972



Tritanopia

63.3015, 61.5492, 72.1622

Trichromacy



Original Color

64.0316, 61.5102, 75.5157

Protanomaly

61.4567, 61.5120, 77.7411

Deuteranomaly

63.3338, 61.4909, 75.5487

Tritanomaly

63.5586, 61.6520, 73.5159

Monochromacy



Original Color

64.0316, 61.5102, 75.5157

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.2081, 62.2353, 71.0740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0316, 61.5102, 75.5157 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(225, 198, 219)` looks like.

```
.text, #text, p{  
    color:rgb(225, 198, 219)  
}
```

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(225, 198, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 198, 219) }
```

Border

The CSS property to change the border of an element to XYZ 64.0316, 61.5102, 75.5157 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(225, 198, 219) }
```


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

```
.border{ border-color:rgb(225, 198, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 198, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 198, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 198, 219);  
box-shadow:4px 4px 4px 4px rgb(225, 198,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0316, 61.5102, 75.5157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 198, 219) }
```

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

```
.background{ background-color: rgb(225,  
198, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor