

Converting Colors

XYZ(65.0897, 61.4267, 73.3917)

Have a look what the booklet for
XYZ(65.0897, 61.4267, 73.3917)
contains.

XYZ(65.0896, 61.4266, 73.3917)	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(65.0896, 61.4266,
73.3917)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C4D8
RGB	231, 196, 216
RGB Percent	91%, 77%, 85%
CMY	0.0941, 0.2314, 0.1529
CMYK	0.00, 0.15, 0.06, 0.09
HSL	326°, 42%, 84%
HSV	326°, 15%, 91%
XYZ	65.0896, 61.4266, 73.3917
YIQ	208.7450, 14.4400, 13.6400

Conversions

Conversions Part 2

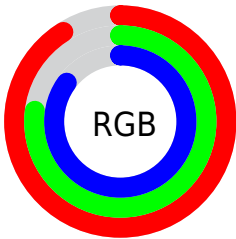
Format	Color
R _Y B	231, 196, 216
Decimal	15189208
CIE Lab	82.61, 15.69, -5.35
CIE LCh	83, 16.571, 341.183
Yxy	61.4266, 0.3256, 0.3073
Android (android.graphics.Color)	4293379288 (0xFFE7C4D8)
YUV	208.7450, 3.5767, 19.5176
Hunter-Lab	78.3751, 11.0856, -0.6575

Details

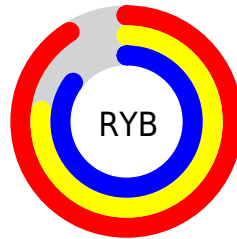
The XYZ color **65.0896, 61.4266, 73.3917** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.1011, 73.5924, 72.5104**, and the grayscale version is **60.4105, 63.5565, 69.2131**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **33.7852, 31.0332, 37.9275** is the 20% darker color. If you saturate the color by 10%, you get **59.0336, 51.3010, 65.2470**, and if you desaturate by 10%, it is **72.0285, 73.1928, 82.2127**.

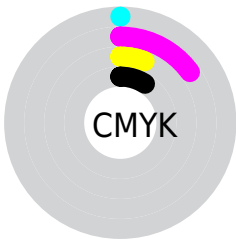
Distribution



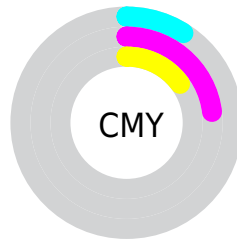
- Red (91%)
- Green (77%)
- Blue (85%)



- Red (91%)
- Yellow (77%)
- Blue (85%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0896, 61.4266, 73.3917 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 65.0896, 61.4266, 73.3917 by changing the saturation by 10% instead.

65.0896, 61.4266,
73.3917

65.0896, 61.4266,
73.3917

432.6540,
429.8364, 491.4784

47.7987, 44.5695,
53.8025

111.2437,
106.8964, 125.7592

33.8781, 31.1185,
38.0517

140.8375,
136.2779, 159.3746

22.9624, 20.6891,
25.7207

175.2631,
170.6030, 198.5025

14.6863, 12.8969,
16.3909

214.8857,
210.2561, 243.5614

8.6844, 7.3576,
9.6439

260.0708,
255.6216, 294.9700

4.5914, 3.6867,
5.0610

311.1836,

2.0418, 1.4999,

307.0839, 353.1466

2.2237

368.5896,
365.0274, 418.5099

■ 0.6573, 0.2887,
0.6880

■ 0.0000, 0.0000,
0.0000

■ 65.0896, 61.4266,
73.3917

■ 65.0896, 61.4266,
73.3917

■ 59.0336, 51.3010,
65.2470

■ 72.0285, 73.1928,
82.2127

■ 53.8172, 42.7342,
57.7555

■ 79.8806, 86.6605,
91.7244

■ 49.4014, 35.6496,
50.8979

■ 85.3047, 95.1448,
100.8201

■ 45.7418, 29.9607,
44.6525

■ 86.7654, 95.7291,
108.5123

■ 42.7897, 25.5720,
38.9958

■ 40.4898, 22.3760,
33.9020

■ 38.7786, 20.2476,
29.3421

■ 37.5779, 19.0334,
25.2821

■ 37.1196, 18.6548,
23.4705

Harmonies

Analogous

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



62.9972, 61.4266, 82.7085



65.0896, 61.4266, 73.3917



65.3429, 61.4266, 63.1613

Triad

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



65.0896, 61.4266, 73.3917



57.0697, 61.4266, 49.4730



53.3940, 61.4266, 80.6054

Complementary

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



65.0896, 61.4266, 73.3917



63.1011, 73.5924, 72.5104

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.



51.9378, 61.4266, 70.7484



65.0896, 61.4266, 73.3917



54.0019, 61.4266, 53.2173

Square

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



65.0896, 61.4266, 73.3917



60.6146, 61.4266, 50.0262



52.1558, 61.4266, 60.7712



56.2091, 61.4266, 87.1560

Rectangle

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



65.0896, 61.4266, 73.3917



64.4235, 61.4266, 57.2591



52.1558, 61.4266, 60.7712



52.7346, 61.4266, 77.5292

Sweetspot

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



65.0914, 61.4293, 73.3930



90.2491, 91.7862, 103.0206



60.9109, 59.0398, 83.7877



19.1776, 19.4082, 21.8776



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.



65.0914, 61.4293, 73.3930



79.1076, 72.9271, 88.7516



62.9962, 60.5912, 62.3601



14.7204, 14.5053, 16.7278



20.8729, 10.4834, 13.4915



1.5888, 0.7932, 1.2409

Inverse Universe

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



65.0914, 61.4293, 73.3930



79.1076, 72.9271, 88.7516



65.3580, 74.4952, 84.3949



14.7204, 14.5053, 16.7278



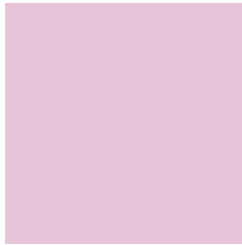
20.8729, 10.4834, 13.4915



1.5888, 0.7932, 1.2409

Previews

White Background



This preview shows how the XYZ color 65.0896, 61.4266, 73.3917 looks on a white background.

Color Contrast Check

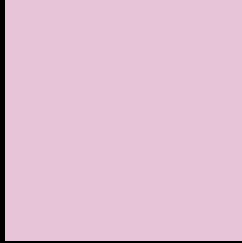
Large Text (above 18pt) WCAG AA × Fail

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 65.0896, 61.4266, 73.3917 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 65.0896, 61.4266, 73.3917

Background



This preview shows how black text looks on a background with the XYZ color 65.0896, 61.4266, 73.3917.



This preview shows how white text looks on a background with the XYZ color 65.0896, 61.4266,

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

65.0896, 61.4266, 73.3917

Protanopia

59.8208, 61.3853, 77.1023

Deuteranopia

62.7388, 61.5870, 72.8708



Tritanopia

64.4830, 61.5090, 70.7611

Trichromacy



Original Color

65.0896, 61.4266, 73.3917

Protanomaly

61.4044, 61.1839, 75.5911

Deuteranomaly

63.7405, 61.7607, 72.8515

Tritanomaly

64.6096, 61.5596, 71.4277

Monochromacy



Original Color

65.0896, 61.4266, 73.3917

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.0918, 62.6909, 71.1153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0896, 61.4266, 73.3917 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(231, 196, 216)` looks like.

```
.text, #text, p{  
    color:rgb(231, 196, 216)  
}
```

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(231, 196, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 196, 216) }
```

Border

The CSS property to change the border of an element to XYZ 65.0896, 61.4266, 73.3917 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(231, 196, 216) }
```


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

```
.border{ border-color:rgb(231, 196, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 196, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 196, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 196, 216);  
box-shadow:4px 4px 4px 4px rgb(231, 196,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0896, 61.4266, 73.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 196, 216) }
```

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

```
.background{ background-color: rgb(231,  
196, 216) }
```

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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