

Converting Colors

XYZ(65.2130, 64.2942, 72.1015)

Have a look what the booklet for
XYZ(65.2130, 64.2942, 72.1015)
contains.

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Color

**XYZ(65.2817, 64.3207,
71.9252)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CCD5
RGB	227, 204, 213
RGB Percent	89%, 80%, 84%
CMY	0.1098, 0.2000, 0.1647
CMYK	0.00, 0.10, 0.06, 0.11
HSL	337°, 29%, 85%
HSV	337°, 10%, 89%
XYZ	65.2817, 64.3207, 71.9252
YIQ	211.9030, 10.8190, 7.6750

Conversions

Conversions Part 2

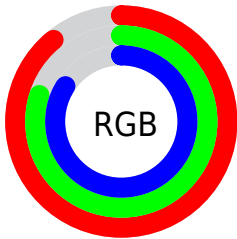
Format	Color
R_{YB}	227, 204, 213
Decimal	14929109
CIE _{Lab}	84.13, 9.55, -1.54
CIE _{LCh}	84, 9.669, 350.836
Yxy	64.3207, 0.3239, 0.3192
Android (android.graphics.Color)	4293119189 (0xFFE3CCD5)
YUV	211.9030, 0.5408, 13.2401
Hunter-Lab	80.2002, 4.9459, 2.9676

Details

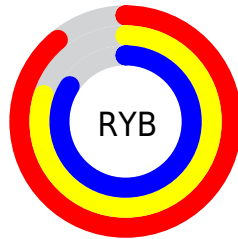
The XYZ color **65.2817, 64.3207, 71.9252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0283, 72.8393, 76.9653**, and the grayscale version is **62.5079, 65.7632, 71.6161**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0912, 33.0520, 36.9306** is the 20% darker color. If you saturate the color by 10%, you get **58.5949, 53.6351, 61.4077**, and if you desaturate by 10%, it is **72.9080, 76.6444, 83.4949**.

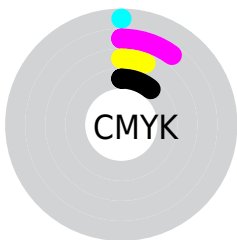
Distribution



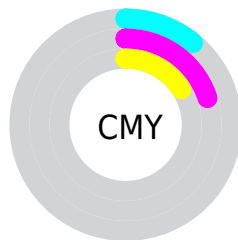
- Red (89%)
- Green (80%)
- Blue (84%)



- Red (89%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2817, 64.3207, 71.9252 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 65.2817, 64.3207, 71.9252 by changing the saturation by 10% instead.

65.2817, 64.3207,
71.9252

65.2817, 64.3207,
71.9252

433.3328,
440.3468, 486.2517

47.9551, 46.9105,
52.6111

111.5182,
111.0727, 123.6569

34.0024, 32.9649,
37.1068

141.1588,
141.1832, 156.9116

23.0584, 22.0995,
24.9938

175.6348,
176.2959, 195.6503

14.7575, 13.9301,
15.8534

215.3115,
216.7953, 240.2914

8.7346, 8.0720,
9.2673

260.5543,
263.0657, 291.2536

4.6242, 4.1411,
4.8167

311.7286,

2.0610, 1.7528,

315.4915, 348.9554

2.0833

369.1996,
374.4571, 413.8152

■ 0.6679, 0.4575,
0.6058

■ 0.0000, 0.0000,
0.0000

■ 65.2817, 64.3207,
71.9252

■ 65.2817, 64.3207,
71.9252

■ 58.5949, 53.6351,
61.4077

■ 72.9080, 76.6444,
83.4949

■ 52.8045, 44.5098,
51.9076

■ 81.5038, 90.6629,
96.1422

■ 47.8722, 36.8736,
43.3937

■ 85.4023, 95.0364,
107.9960

■ 43.7546, 30.6462,
35.8317

■ 85.4890, 95.0711,
108.4526

■ 40.4044, 25.7395,
29.1851

■ 37.7691, 22.0557,
23.4147

■ 35.7891, 19.4829,
18.4775

■ 34.3940, 17.8886,
14.3259

■ 33.4739, 17.0491,
10.9345

Harmonies

Analogous

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



64.3763, 64.3207, 77.7320



65.2817, 64.3207, 71.9252



65.0560, 64.3207, 65.9315

Triad

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



65.2817, 64.3207, 71.9252



59.6850, 64.3207, 59.6020



58.5765, 64.3207, 79.5601

Complementary

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



65.2817, 64.3207, 71.9252



65.0283, 72.8393, 76.9653

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.



57.3746, 64.3207, 74.3039



65.2817, 64.3207, 71.9252



58.0041, 64.3207, 62.8624

Square

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



65.2817, 64.3207, 71.9252



61.7916, 64.3207, 59.0475



57.1675, 64.3207, 68.1769



60.4828, 64.3207, 82.3058

Rectangle

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



65.2817, 64.3207, 71.9252



64.2966, 64.3207, 62.6180



57.1675, 64.3207, 68.1769



58.0786, 64.3207, 78.0143

Sweetspot

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



65.2835, 64.3235, 71.9266



91.9170, 94.9194, 104.2012



64.3140, 63.6094, 81.5622



19.4989, 20.0333, 22.0392



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.



65.2835, 64.3235, 71.9266



83.1976, 80.8643, 90.8630



64.7235, 64.9806, 66.2613



14.6093, 14.4609, 16.1428



19.5752, 9.9643, 6.6577



1.4911, 0.7541, 0.7265

Inverse Universe

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



65.2835, 64.3235, 71.9266



83.1976, 80.8643, 90.8630



65.6133, 72.0736, 83.1275



14.6093, 14.4609, 16.1428



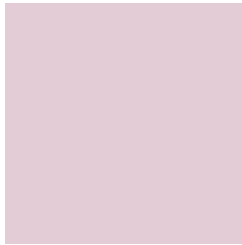
19.5752, 9.9643, 6.6577



1.4911, 0.7541, 0.7265

Previews

White Background



This preview shows how the XYZ color 65.2817, 64.3207, 71.9252 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 65.2817, 64.3207, 71.9252 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 65.2817, 64.3207, 71.9252

Background



This preview shows how black text looks on a background with the XYZ color 65.2817, 64.3207, 71.9252.



This preview shows how white text looks on a background with the XYZ color 65.2817, 64.3207,

71.9252.

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

65.2817, 64.3207, 71.9252

Protanopia

62.3465, 64.5558, 74.1403

Deuteranopia

65.6793, 64.1740, 71.8759



Tritanopia

66.1370, 64.3203, 75.9471

Trichromacy



Original Color

65.2817, 64.3207, 71.9252

Protanomaly

63.1938, 64.2837, 73.3673

Deuteranomaly

65.3611, 64.0099, 71.8610

Tritanomaly

65.8752, 64.2156, 74.5685

Monochromacy



Original Color

65.2817, 64.3207, 71.9252

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.2994, 65.1061, 71.5179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2817, 64.3207, 71.9252 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, 204, 213) looks like.

```
.text, #text, p{  
    color:rgb(227, 204, 213)  
}
```

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, 204, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 204, 213) }
```

Border

The CSS property to change the border of an element to XYZ 65.2817, 64.3207, 71.9252 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, 204, 213) }
```


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

```
.border{ border-color:rgb(227, 204, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 204, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 204, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 204, 213);  
box-shadow:4px 4px 4px 4px rgb(227, 204,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2817, 64.3207, 71.9252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 204, 213) }
```

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

```
.background{ background-color: rgb(227,  
204, 213) }
```

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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