

Converting Colors

XYZ(65.4742, 63.3613, 65.5833)

Have a look what the booklet for
XYZ(65.4742, 63.3613, 65.5833)
contains.

XYZ(65.5978, 63.5775, 65.3142)	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(65.5978, 63.5775,
65.3142)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC9CB
RGB	234, 201, 203
RGB Percent	92%, 79%, 80%
CMY	0.0823, 0.2117, 0.2039
CMYK	0.00, 0.14, 0.13, 0.08
HSL	356°, 44%, 85%
HSV	356°, 14%, 92%
XYZ	65.5978, 63.5775, 65.3142
YIQ	211.0950, 19.0260, 7.6180

Conversions

Conversions Part 2

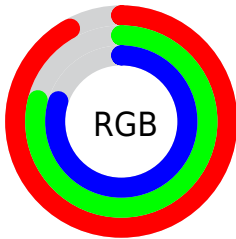
Format	Color
RYB	234, 201, 203
Decimal	15387083
CIELab	83.75, 11.93, 3.30
CIELCh	84, 12.374, 15.475
Yxy	63.5775, 0.3373, 0.3269
Android (android.graphics.Color)	4293577163 (0xFFEAC9CB)
YUV	211.0950, -3.9908, 20.0877
Hunter-Lab	79.7355, 7.3135, 7.2483

Details

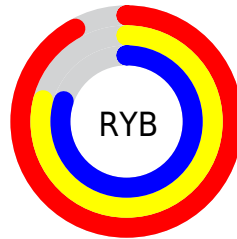
The XYZ color **65.5978, 63.5775, 65.3142** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.0782, 77.0909, 87.6396**, and the grayscale version is **61.9978, 65.2266, 71.0317**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2186, 32.5023, 32.9038** is the 20% darker color. If you saturate the color by 10%, you get **58.1162, 52.5135, 50.7981**, and if you desaturate by 10%, it is **74.2855, 76.4577, 82.0668**.

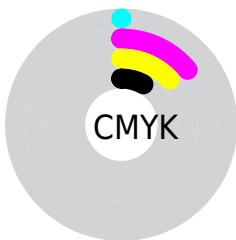
Distribution



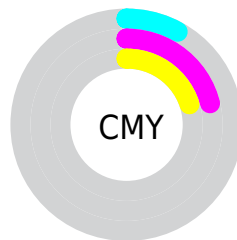
- Red (92%)
- Green (79%)
- Blue (80%)



- Red (92%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (13%)
- Black (8%)



- Cyan (8%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5978, 63.5775, 65.3142 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 65.5978, 63.5775, 65.3142 by changing the saturation by 10% instead.

65.5978, 63.5775,
65.3142

65.5978, 63.5775,
65.3142

434.4484,
437.6623, 462.2573

48.2125, 46.3086,
47.2629

111.9698,
110.0022, 114.1191

34.2071, 32.4894,
32.8877

141.6872,
139.9268, 145.7097

23.2164, 21.7356,
21.7700

176.2460,
174.8388, 182.6506

14.8750, 13.6627,
13.4913

216.0115,
215.1224, 225.3603

8.8174, 7.8865,
7.6331

261.3492,
261.1622, 274.2572

4.6784, 4.0224,
3.7767

312.6243,

2.0927, 1.6861,

313.3425, 329.7600

1.5036

370.2023,
372.0478, 392.2872

■ 0.6852, 0.4146,
0.2206

■ 0.0000, 0.0000,
0.0000

■ 65.5978, 63.5775,
65.3142

■ 65.5978, 63.5775,
65.3142

■ 58.1162, 52.5135,
50.7981

■ 74.2855, 76.4577,
82.0668

■ 51.7823, 43.1760,
38.4200

■ 84.2237, 91.2216,
101.1405

■ 46.5409, 35.4804,
28.0801

■ 87.7420, 96.2326,
108.5580

■ 42.3301, 29.3319,
19.6691

■ 39.0819, 24.6257,
13.0674

■ 36.7200, 21.2442,
8.1421

■ 35.1566, 19.0512,
4.7420

■ 34.2857, 17.8811,
2.6888

■ 34.0123, 17.5247,
2.0109

Harmonies

Analogous

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



65.6214, 63.5775, 73.0410



65.5978, 63.5775, 65.3142



64.1616, 63.5775, 59.1088

Triad

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



65.5978, 63.5775, 65.3142



56.7844, 63.5775, 59.2665



59.1293, 63.5775, 84.7214

Complementary

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



65.5978, 63.5775, 65.3142



68.0782, 77.0909, 87.6396

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.



56.8431, 63.5775, 80.4344



65.5978, 63.5775, 65.3142



55.5170, 63.5775, 65.5445

Square

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



65.5978, 63.5775, 65.3142



59.0470, 63.5775, 55.7994



55.5382, 63.5775, 73.2891



61.8313, 63.5775, 84.6481

Rectangle

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



65.5978, 63.5775, 65.3142



62.6203, 63.5775, 56.5008



55.5382, 63.5775, 73.2891



58.2884, 63.5775, 83.7292

Sweetspot

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



65.5996, 63.5803, 65.3155



90.3771, 93.0619, 99.9197



68.9536, 64.8390, 86.7235



19.1622, 19.6487, 21.0364



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.



65.5996, 63.5803, 65.3155



76.8685, 73.0411, 73.8476



68.8530, 70.4655, 65.2341



15.1024, 15.0688, 15.8246



19.1279, 9.8539, 1.2090



1.5150, 0.7790, 0.1635

Inverse Universe

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



65.5996, 63.5803, 65.3155



76.8685, 73.0411, 73.8476



64.4556, 69.3894, 87.8389



15.1024, 15.0688, 15.8246



19.1279, 9.8539, 1.2090



1.5150, 0.7790, 0.1635

Previews

White Background



This preview shows how the XYZ color 65.5978, 63.5775, 65.3142 looks on a white background.

Color Contrast Check

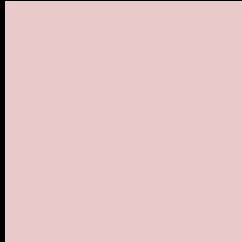
Large Text (above 18pt) WCAG AA × Fail

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 65.5978, 63.5775, 65.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

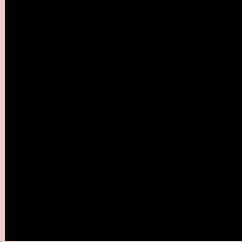
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5978, 63.5775, 65.3142

Background



This preview shows how black text looks on a background with the XYZ color 65.5978, 63.5775, 65.3142.



This preview shows how white text looks on a background with the XYZ color 65.5978, 63.5775,

65.3142.

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

65.5978, 63.5775, 65.3142

Protanopia

61.2589, 63.7629, 68.1103

Deuteranopia

64.8550, 63.5418, 65.3465



Tritanopia

67.2812, 63.5860, 73.0172

Trichromacy



Original Color

65.5978, 63.5775, 65.3142

Protanomaly

62.7907, 63.4910, 67.3381

Deuteranomaly

65.1787, 63.7087, 65.3616

Tritanomaly

66.6731, 63.6739, 70.4043

Monochromacy



Original Color

65.5978, 63.5775, 65.3142

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.9114, 64.2398, 68.7582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5978, 63.5775, 65.3142 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(234, 201, 203) looks like.

```
.text, #text, p{  
    color:rgb(234, 201, 203)  
}
```

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(234, 201, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 201, 203) }
```

Border

The CSS property to change the border of an element to XYZ 65.5978, 63.5775, 65.3142 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(234, 201, 203) }
```


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

```
.border{ border-color:rgb(234, 201, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 201, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 201, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 201, 203);  
box-shadow:4px 4px 4px 4px rgb(234, 201,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5978, 63.5775, 65.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 201, 203) }
```

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

```
.background{ background-color: rgb(234,  
201, 203) }
```

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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