

Converting Colors

XYZ(65.7993, 64.5035, 66.3792)

Have a look what the booklet for
XYZ(65.7993, 64.5035, 66.3792)
contains.

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Color

**XYZ(65.5337, 64.2273,
66.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CBCC
RGB	232, 203, 204
RGB Percent	91%, 80%, 80%
CMY	0.0902, 0.2039, 0.2000
CMYK	0.00, 0.12, 0.12, 0.09
HSL	358°, 39%, 85%
HSV	358°, 12%, 91%
XYZ	65.5337, 64.2273, 66.0699
YIQ	211.7850, 16.9630, 6.4590

Conversions

Conversions Part 2

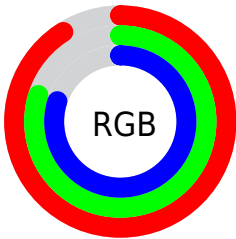
Format	Color
R _Y B	232, 203, 204
Decimal	15256524
CIE Lab	84.08, 10.32, 3.24
CIE LCh	84, 10.818, 17.414
Yxy	64.2273, 0.3346, 0.3280
Android (android.graphics.Color)	4293446604 (0xFFE8CBCC)
YUV	211.7850, -3.8380, 17.7286
Hunter-Lab	80.1419, 5.7147, 7.2200

Details

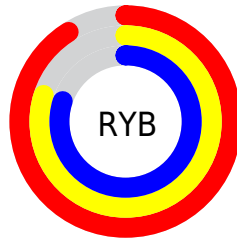
The XYZ color **65.5337, 64.2273, 66.0699** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.9115, 76.1808, 86.7299**, and the grayscale version is **62.4548, 65.7073, 71.5553**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1570, 32.9270, 33.4094** is the 20% darker color. If you saturate the color by 10%, you get **57.9630, 53.0808, 51.2293**, and if you desaturate by 10%, it is **74.3144, 77.1738, 83.2223**.

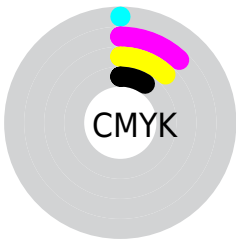
Distribution



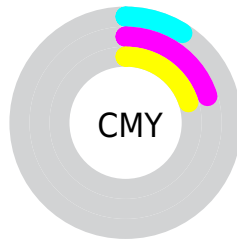
- Red (91%)
- Green (80%)
- Blue (80%)



- Red (91%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5337, 64.2273, 66.0699 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 65.5337, 64.2273, 66.0699 by changing the saturation by 10% instead.

65.5337, 64.2273,
66.0699

65.5337, 64.2273,
66.0699

434.2223,
440.0100, 465.0379

48.1603, 46.8348,
47.8723

111.8783,
110.9382, 115.2146

34.1656, 32.9051,
33.3665

141.5801,
141.0254, 146.9988

23.1843, 22.0537,
22.1339

176.1221,
176.1130, 184.1490

14.8511, 13.8964,
13.7561

215.8697,
216.5853, 227.0836

8.8006, 8.0486,
7.8144

261.1881,
262.8268, 276.2213

4.6674, 4.1261,
3.8904

312.4428,

2.0862, 1.7443,

315.2218, 331.9805

1.5654

369.9991,
374.1547, 394.7799

■ 0.6817, 0.4521,
0.2659

■ 0.0000, 0.0000,
0.0000

■ 65.5337, 64.2273,
66.0699

■ 65.5337, 64.2273,
66.0699

■ 57.9630, 53.0808,
51.2293

■ 74.3144, 77.1738,
83.2223

■ 51.5442, 43.6466,
38.5977

■ 84.3491, 91.9860,
102.7749

■ 46.2225, 35.8424,
28.0708

■ 87.0890, 95.8959,
108.5274

■ 41.9365, 29.5759,
19.5343

■ 38.6187, 24.7456,
12.8628

■ 36.1937, 21.2377,
7.9171

■ 34.5750, 18.9213,
4.5382

■ 33.6588, 17.6387,
2.5377

■ 33.3226, 17.1734,
1.7873

Harmonies

Analogous

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



65.6387, 64.2273, 72.8379



65.5337, 64.2273, 66.0699



64.2068, 64.2273, 60.6892

Triad

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



65.5337, 64.2273, 66.0699



57.7270, 64.2273, 61.4048



60.0509, 64.2273, 83.5702

Complementary

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



65.5337, 64.2273, 66.0699



67.9115, 76.1808, 86.7299

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.



57.9909, 64.2273, 80.0699



65.5337, 64.2273, 66.0699



56.6729, 64.2273, 67.1056

Square

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



65.5337, 64.2273, 66.0699



59.6820, 64.2273, 58.1189



56.7682, 64.2273, 73.9430



62.4308, 64.2273, 83.2477

Rectangle

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



65.5337, 64.2273, 66.0699



62.8270, 64.2273, 58.4784



56.7682, 64.2273, 73.9430



59.2993, 64.2273, 82.7926

Sweetspot

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



65.5355, 64.2302, 66.0713



90.3363, 93.0456, 99.7050



68.7331, 65.4551, 85.3560



19.1520, 19.6446, 20.9823



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.



65.5355, 64.2302, 66.0713



78.6517, 75.8222, 76.8632



68.6287, 70.6071, 66.5148



14.3970, 14.3760, 15.0248



18.5086, 9.5377, 1.0415



1.3748, 0.7076, 0.1144

Inverse Universe

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



65.5355, 64.2302, 66.0713



78.6517, 75.8222, 76.8632



64.5150, 69.1620, 86.2938



14.3970, 14.3760, 15.0248



18.5086, 9.5377, 1.0415



1.3748, 0.7076, 0.1144

Previews

White Background



This preview shows how the XYZ color 65.5337, 64.2273, 66.0699 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 65.5337, 64.2273, 66.0699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

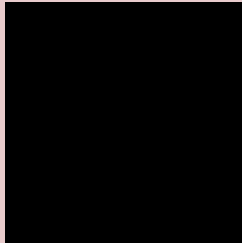
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5337, 64.2273, 66.0699

Background



This preview shows how black text looks on a background with the XYZ color 65.5337, 64.2273, 66.0699.



This preview shows how white text looks on a background with the XYZ color 65.5337, 64.2273,

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

65.5337, 64.2273, 66.0699

Protanopia

61.7945, 64.4021, 68.2054

Deuteranopia

65.5337, 64.2273, 66.0699



Tritanopia

67.3427, 64.2755, 74.5027

Trichromacy



Original Color

65.5337, 64.2273, 66.0699

Protanomaly

63.2722, 64.4540, 67.4986

Deuteranomaly

65.5337, 64.2273, 66.0699

Tritanomaly

66.6085, 64.3182, 71.1914

Monochromacy



Original Color

65.5337, 64.2273, 66.0699

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.5225, 65.2644, 69.5709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5337, 64.2273, 66.0699 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(232, 203, 204)` looks like.

```
.text, #text, p{  
    color:rgb(232, 203, 204)  
}
```

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(232, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 203, 204) }
```

Border

The CSS property to change the border of an element to XYZ 65.5337, 64.2273, 66.0699 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(232, 203, 204) }
```


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

```
.border{ border-color:rgb(232, 203, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 203, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(232, 203,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5337, 64.2273, 66.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 203, 204) }
```

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

```
.background{ background-color: rgb(232,  
203, 204) }
```

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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