

Converting Colors

XYZ(52.9556, 40.3229, 65.4784)

Have a look what the booklet for
XYZ(52.9556, 40.3229, 65.4784)
contains.

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Color

**XYZ(52.8602, 40.2803,
65.3104)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E38ED1 |
| RGB | 227, 142, 209 |
| RGB Percent | 89%, 56%, 82% |
| CMY | 0.1098, 0.4431, 0.1804 |
| CMYK | 0.00, 0.37, 0.08, 0.11 |
| HSL | 313°, 60%, 72% |
| HSV | 313°, 37%, 89% |
| XYZ | 52.8602, 40.2803, 65.3104 |
| YIQ | 175.0530, 29.1530, 38.8570 |

Conversions

Conversions Part 2

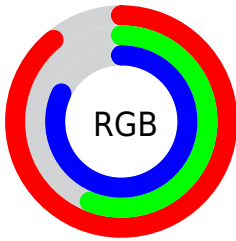
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 227, 142, 209 |
| Decimal | 14913233 |
| CIE Lab | 69.67, 41.92, -20.97 |
| CIE LCh | 70, 46.870, 333.429 |
| Yxy | 40.2803, 0.3336, 0.2542 |
| Android (android.graphics.Color) | 4293103313 (0xFFE38ED1) |
| YUV | 175.0530, 16.7359, 45.5575 |
| Hunter-Lab | 63.4668, 37.6023, -16.5856 |

Details

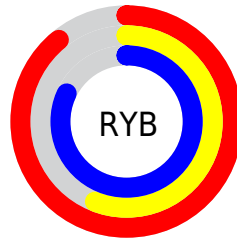
The XYZ color **52.8602, 40.2803, 65.3104** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **44.9713, 63.2284, 43.0944**, and the grayscale version is **40.6816, 42.8002, 46.6095**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **26.0665, 18.1915, 32.7093** is the 20% darker color. If you saturate the color by 10%, you get **49.2344, 33.9664, 61.2096**, and if you desaturate by 10%, it is **57.1941, 47.9804, 69.7367**.

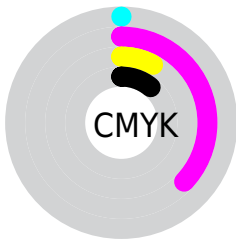
Distribution



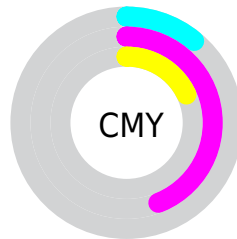
- Red (89%)
- Green (56%)
- Blue (82%)



- Red (89%)
- Yellow (56%)
- Blue (82%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (11%)





- Cyan (11%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8602, 40.2803, 65.3104 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 52.8602, 40.2803, 65.3104 by changing the saturation by 10% instead.


 52.8602, 40.2803,
65.3104


 52.8602, 40.2803,
65.3104


388.0182,
347.3036, 462.2433

 37.9182, 27.7572,
47.2599

 93.5654, 75.5902,
114.1135

 26.0961, 18.1427,
32.8853


 120.0592, 99.1457,
145.7032

 17.0286, 11.0525,
21.7682


151.1345,
127.1474, 182.6431

 10.3503, 6.1021,
13.4900

187.1564,
159.9798, 225.3516

 5.6959, 2.9073,
7.6321

228.4904,
198.0272, 274.2473

 2.7000, 1.0835,
3.7761

275.5018,

 0.9972, 0.0000,

241.6740, 329.7488

1.5033

328.5559,
291.3047, 392.2746

■ 0.0000, 0.0000,
0.2204

■ 0.0000, 0.0000,
0.0000

■ 52.8602, 40.2803,
65.3104

■ 52.8602, 40.2803,
65.3104

■ 49.2344, 33.9664,
61.2096

■ 57.1941, 47.9804,
69.7367

■ 46.2709, 28.9491,
57.4170

■ 62.2711, 57.1383,
74.4996

■ 43.9241, 25.1370,
53.9171

■ 68.1280, 67.8270,
79.6127

■ 42.1410, 22.4244,
50.6913

■ 74.7985, 80.1132,
85.0878

40.8594, 20.6870,
47.7182

82.1524, 93.7365,
90.8823

39.9961, 19.7588,
44.9692

82.8489, 94.0151,
94.5501

39.8083, 19.5828,
44.2908

83.5642, 94.3012,
98.3171

84.2986, 94.5950,
102.1842

85.0521, 94.8964,
106.1522

Harmonies

Analogous

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



46.8913, 40.2803, 88.7455



52.8602, 40.2803, 65.3104



54.7593, 40.2803, 41.4081

Triad

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



52.8602, 40.2803, 65.3104



37.4198, 40.2803, 13.9889



27.3618, 40.2803, 71.1150

Complementary

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



52.8602, 40.2803, 65.3104



44.9713, 63.2284, 43.0944

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.



25.4987, 40.2803, 46.4035



52.8602, 40.2803, 65.3104



30.8023, 40.2803, 17.4269

Square

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



52.8602, 40.2803, 65.3104



45.1835, 40.2803, 16.1117



26.6706, 40.2803, 27.7081



32.1274, 40.2803, 92.8010

Rectangle

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



52.8602, 40.2803, 65.3104



53.2801, 40.2803, 29.2638



26.6706, 40.2803, 27.7081



26.4061, 40.2803, 62.6422

Sweetspot

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



52.8615, 40.2821, 65.3112



85.8036, 83.0141, 101.1722



37.8380, 32.2650, 76.9075



18.1408, 17.3580, 21.4597



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.



52.8615, 40.2821, 65.3112



65.0359, 45.8418, 80.7986



48.3745, 38.4873, 41.6832



14.8575, 14.5602, 17.4501



23.2603, 11.4383, 26.0632



1.7516, 0.8584, 2.0987

Inverse Universe

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



52.8615, 40.2821, 65.3112



65.0359, 45.8418, 80.7986



49.2275, 64.9309, 65.5071



14.8575, 14.5602, 17.4501



23.2603, 11.4383, 26.0632



1.7516, 0.8584, 2.0987

Previews

White Background



This preview shows how the XYZ color 52.8602, 40.2803, 65.3104 looks on a white background.

Color Contrast Check

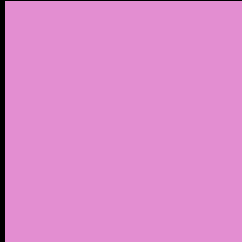
Large Text (above 18pt) WCAG AA × Fail

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 52.8602, 40.2803, 65.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

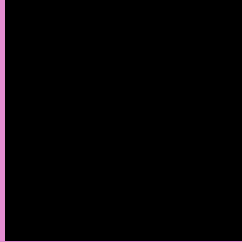
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8602, 40.2803, 65.3104

Background



This preview shows how black text looks on a background with the XYZ color 52.8602, 40.2803, 65.3104.



This preview shows how white text looks on a background with the XYZ color 52.8602, 40.2803,

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

52.8602, 40.2803, 65.3104

Protanopia

41.3326, 40.4767, 79.0331

Deuteranopia

41.4157, 40.5913, 63.4097



Tritanopia

47.4963, 40.1497, 39.8967

Trichromacy



Original Color

52.8602, 40.2803, 65.3104



Protanomaly

44.5053, 39.8405, 73.7509



Deuteranomaly

44.8533, 39.9863, 63.7466



Tritanomaly

49.2595, 40.1631, 48.3360

Monochromacy



Original Color

52.8602, 40.2803, 65.3104



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

44.3150, 41.2516, 52.6404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8602, 40.2803, 65.3104 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, 142, 209)` looks like.

```
.text, #text, p{  
    color:rgb(227, 142, 209)  
}
```

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, 142, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 142, 209) }
```

Border

The CSS property to change the border of an element to XYZ 52.8602, 40.2803, 65.3104 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, 142, 209) }
```


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

```
.border{ border-color:rgb(227, 142, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 142, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 142, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 142, 209);  
box-shadow:4px 4px 4px 4px rgb(227, 142,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8602, 40.2803, 65.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 142, 209) }
```

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

```
.background{ background-color: rgb(227,  
142, 209) }
```

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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