

Converting Colors

XYZ(50.5139, 40.2304, 57.9978)

Have a look what the booklet for
XYZ(50.5139, 40.2304, 57.9978)
contains.

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Color

**XYZ(50.4811, 40.1186,
57.9063)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DE92C5 |
| RGB | 222, 146, 197 |
| RGB Percent | 87%, 57%, 77% |
| CMY | 0.1294, 0.4274, 0.2274 |
| CMYK | 0.00, 0.34, 0.11, 0.13 |
| HSL | 320°, 54%, 72% |
| HSV | 320°, 34%, 87% |
| XYZ | 50.4811, 40.1186, 57.9063 |
| YIQ | 174.5380, 28.9250, 31.9730 |

Conversions

Conversions Part 2

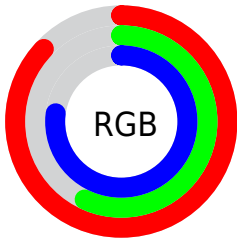
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 222, 146, 197 |
| Decimal | 14586565 |
| CIE Lab | 69.55, 36.15, -14.53 |
| CIE LCh | 70, 38.962, 338.101 |
| Yxy | 40.1186, 0.3399, 0.2701 |
| Android (android.graphics.Color) | 4292776645 (0xFFDE92C5) |
| YUV | 174.5380, 11.0738, 41.6242 |
| Hunter-Lab | 63.3392, 31.4200, -9.8669 |

Details

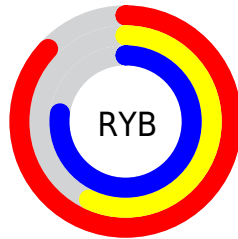
The XYZ color **50.4811, 40.1186, 57.9063** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.3277, 61.2949, 47.9729**, and the grayscale version is **40.4443, 42.5505, 46.3375**.

A 20% lighter version of the original color is **80.0160, 70.1890, 103.0965**, and **24.6865, 18.0956, 28.1783** is the 20% darker color. If you saturate the color by 10%, you get **46.5690, 33.6008, 52.5733**, and if you desaturate by 10%, it is **55.1006, 47.9852, 63.6760**.

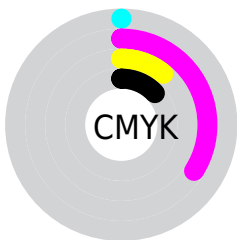
Distribution



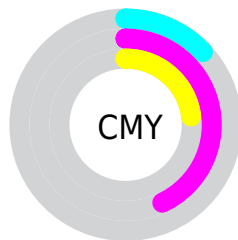
- Red (87%)
- Green (57%)
- Blue (77%)



- Red (87%)
- Yellow (57%)
- Blue (77%)



- Cyan (0%)
- Magenta (34%)
- Yellow (11%)
- Black (13%)




- Cyan (13%)
- Magenta (43%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4811, 40.1186, 57.9063 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 50.4811, 40.1186, 57.9063 by changing the saturation by 10% instead.


 50.4811, 40.1186,
57.9063


 50.4811, 40.1186,
57.9063


378.9653,
346.6232, 434.4252

 36.0152, 27.6310,
41.3191

 90.0749, 75.3441,
103.2998

 24.6161, 18.0477,
28.2469


 115.9334, 98.8508,
132.9433

 15.9185, 10.9842,
18.2712


146.3202,
126.7993, 167.7758

 9.5570, 6.0562,
10.9734

181.6006,
159.5741, 208.2161

 5.1662, 2.8793,
5.9350

222.1399,
197.5594, 254.6827

 2.3809, 1.0691,
2.7375

268.3036,

 0.8356, 0.0000,

241.1398, 307.5940

0.9622

320.4570,
290.6996, 367.3687

■ 0.0000, 0.0000,
0.0000

■ 50.4811, 40.1186,
57.9063

■ 50.4811, 40.1186,
57.9063

■ 46.5690, 33.6008,
52.5733

■ 55.1006, 47.9852,
63.6760

■ 43.3215, 28.3488,
47.6587

■ 60.4600, 57.2663,
69.8947

■ 40.6966, 24.2791,
43.1460


■ 66.5940, 68.0298,
76.5770


■ 38.6459, 21.2956,
39.0161


■ 73.5339, 80.3379,
83.7361


■ 37.1133, 19.2872,
35.2475

■ 80.6663, 92.9625,
91.1701

 36.0307, 18.1185,
31.8142

 81.7347, 93.3898,
96.7959

 35.5468, 17.6987,
29.9638

 82.8467, 93.8346,
102.6520

 83.9344, 94.2697,
108.3798

Harmonies

Analogous

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



46.0862, 40.1186, 76.9756



50.4811, 40.1186, 57.9063



51.3926, 40.1186, 38.9839

Triad

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



50.4811, 40.1186, 57.9063



36.4536, 40.1186, 17.5935



29.3893, 40.1186, 68.7116

Complementary

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



50.4811, 40.1186, 57.9063



45.3277, 61.2949, 47.9729

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.



27.3737, 40.1186, 48.7439



50.4811, 40.1186, 57.9063



31.1493, 40.1186, 21.7128

Square

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



50.4811, 40.1186, 57.9063



42.8194, 40.1186, 18.7936



27.9807, 40.1186, 32.0021



33.7989, 40.1186, 84.3134

Rectangle

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



50.4811, 40.1186, 57.9063



49.8177, 40.1186, 29.3224



27.9807, 40.1186, 32.0021



28.4327, 40.1186, 62.0994

Sweetspot

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



50.4823, 40.1204, 57.9071



86.1264, 84.2672, 99.4074



40.0575, 34.3874, 73.6340



18.1852, 17.5998, 21.0030



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.



50.4823, 40.1204, 57.9071



65.2171, 48.4161, 74.0400



46.7439, 38.6251, 38.2210



14.0933, 13.8549, 16.2613



21.1673, 10.5339, 18.0784



1.5080, 0.7465, 1.4678

Inverse Universe

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



50.4823, 40.1204, 57.9071



65.2171, 48.4161, 74.0400



49.3701, 62.9119, 69.2597



14.0933, 13.8549, 16.2613



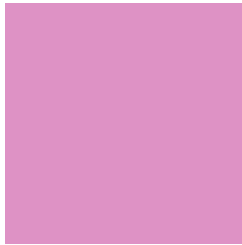
21.1673, 10.5339, 18.0784



1.5080, 0.7465, 1.4678

Previews

White Background



This preview shows how the XYZ color 50.4811, 40.1186, 57.9063 looks on a white background.

Color Contrast Check

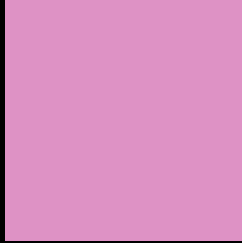
Large Text (above 18pt) WCAG AA × Fail

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 50.4811, 40.1186, 57.9063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

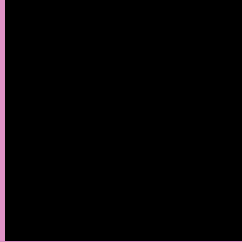
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4811, 40.1186, 57.9063

Background



This preview shows how black text looks on a background with the XYZ color 50.4811, 40.1186, 57.9063.



This preview shows how white text looks on a background with the XYZ color 50.4811, 40.1186,

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

50.4811, 40.1186, 57.9063

Protanopia

40.5688, 40.6030, 67.9863

Deuteranopia

41.1664, 40.3528, 56.0712



Tritanopia

46.8425, 40.0422, 40.3820

Trichromacy



Original Color

50.4811, 40.1186, 57.9063



Protanomaly

43.5358, 40.0620, 64.4696



Deuteranomaly

44.1281, 40.0288, 56.4395



Tritanomaly

47.9562, 40.0074, 46.2689

Monochromacy



Original Color

50.4811, 40.1186, 57.9063



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

43.5609, 41.1763, 50.4517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4811, 40.1186, 57.9063 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(222, 146, 197)` looks like.

```
.text, #text, p{  
    color:rgb(222, 146, 197)  
}
```

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(222, 146, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 146, 197) }
```

Border

The CSS property to change the border of an element to XYZ 50.4811, 40.1186, 57.9063 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(222, 146, 197) }
```


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

```
.border{ border-color:rgb(222, 146, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 146, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 146, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 146, 197);  
box-shadow:4px 4px 4px 4px rgb(222, 146,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4811, 40.1186, 57.9063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 146, 197) }
```

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

```
.background{ background-color: rgb(222,  
146, 197) }
```

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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