

Converting Colors

XYZ(51.4141, 41.6128, 51.7643)

Have a look what the booklet for
XYZ(51.4141, 41.6128, 51.7643)
contains.

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Color

**XYZ(51.4478, 41.6888,
51.7895)**

Conversions

Conversions Part 1

Format	Color
Hex	E396BA
RGB	227, 150, 186
RGB Percent	89%, 59%, 73%
CMY	0.1098, 0.4117, 0.2706
CMYK	0.00, 0.34, 0.18, 0.11
HSL	332°, 58%, 74%
HSV	332°, 34%, 89%
XYZ	51.4478, 41.6888, 51.7895
YIQ	177.1270, 34.3360, 27.5200

Conversions

Conversions Part 2

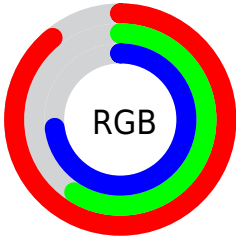
Format	Color
R _Y B	227, 150, 186
Decimal	14915258
CIE Lab	70.66, 33.97, -6.71
CIE LCh	71, 34.627, 348.821
Yxy	41.6888, 0.3550, 0.2877
Android (android.graphics.Color)	4293105338 (0xFFE396BA)
YUV	177.1270, 4.3744, 43.7386
Hunter-Lab	64.5669, 29.2393, -2.3601

Details

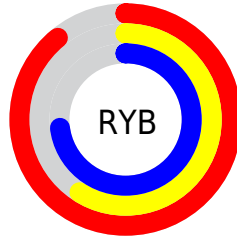
The XYZ color **51.4478, 41.6888, 51.7895** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.4525, 65.1848, 59.2688**, and the grayscale version is **41.8229, 44.0009, 47.9170**.

A 20% lighter version of the original color is **79.0983, 71.3334, 93.6042**, and **25.1789, 18.9749, 24.5257** is the 20% darker color. If you saturate the color by 10%, you get **46.9391, 34.6414, 44.2125**, and if you desaturate by 10%, it is **56.7692, 50.1867, 60.1747**.

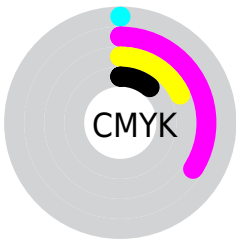
Distribution



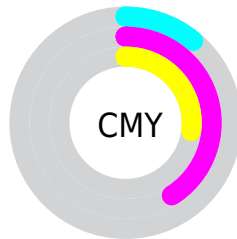
- Red (89%)
- Green (59%)
- Blue (73%)



- Red (89%)
- Yellow (59%)
- Blue (73%)



- Cyan (0%)
- Magenta (34%)
- Yellow (18%)
- Black (11%)




- Cyan (11%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4478, 41.6888, 51.7895 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 51.4478, 41.6888, 51.7895 by changing the saturation by 10% instead.


 51.4478, 41.6888,
51.7895


 51.4478, 41.6888,
51.7895


382.6601,
353.1913, 410.5572

 36.7876, 28.8577,
36.4562

 91.4954, 77.7284,
94.2441

 25.2160, 18.9732,
24.4943


 117.6135,
101.7057, 122.2026

 16.3676, 11.6509,
15.4851


148.2817,
130.1672, 155.2065

 9.8772, 6.5064,
9.0102

183.8652,
163.4973, 193.6745

 5.3792, 3.1554,
4.6509

224.7294,
202.0803, 238.0250

 2.5085, 1.2134,
1.9888

271.2398,

 0.8995, 0.0726,

246.3007, 288.6766

0.5484

323.7616,
296.5429, 346.0478

■ 0.0000, 0.0000,
0.0000

■ 51.4478, 41.6888,
51.7895

■ 51.4478, 41.6888,
51.7895

■ 46.9391, 34.6414,
44.2125

■ 56.7692, 50.1867,
60.1747

■ 43.1963, 28.9564,
37.4136

■ 62.9397, 60.2053,
69.3916

■ 40.1728, 24.5449,
31.3638

■ 69.9979, 71.8169,
79.4658

■ 37.8154, 21.3049,
26.0313

■ 77.9785, 85.0876,
90.4209

■ 36.0627, 19.1186,
21.3804

■ 84.1408, 94.5318,
101.3548

■ 34.8406, 17.8428,
17.3709

■ 85.4887, 95.0710,
108.4525

■ 34.2866, 17.3741,
15.2157

Harmonies

Analogous

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



48.5104, 41.6888, 69.5036



51.4478, 41.6888, 51.7895



50.9966, 41.6888, 35.9524

Triad

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



51.4478, 41.6888, 51.7895



36.1740, 41.6888, 21.5933



32.8022, 41.6888, 73.5307

Complementary

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



51.4478, 41.6888, 51.7895



49.4525, 65.1848, 59.2688

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.



30.0818, 41.6888, 56.3543



51.4478, 41.6888, 51.7895



31.8950, 41.6888, 27.6221

Square

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



51.4478, 41.6888, 51.7895



41.7990, 41.6888, 20.9366



29.7665, 41.6888, 39.5443



37.5257, 41.6888, 83.9265

Rectangle

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



51.4478, 41.6888, 51.7895



48.8446, 41.6888, 28.3424



29.7665, 41.6888, 39.5443



31.6435, 41.6888, 68.1908

Sweetspot

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



51.4490, 41.6907, 51.7903



85.3381, 83.9518, 95.2559



45.9544, 38.2803, 77.6402



17.9943, 17.5234, 19.9980



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.



51.4490, 41.6907, 51.7903



62.5651, 47.3553, 60.0752



48.2974, 40.7596, 34.1785



14.6560, 14.4796, 16.3889



20.0538, 10.1557, 9.1781



1.5285, 0.7691, 0.9235

Inverse Universe

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



51.4490, 41.6907, 51.7903



62.5651, 47.3553, 60.0752



53.5635, 66.2697, 82.6416



14.6560, 14.4796, 16.3889



20.0538, 10.1557, 9.1781



1.5285, 0.7691, 0.9235

Previews

White Background



This preview shows how the XYZ color 51.4478, 41.6888, 51.7895 looks on a white background.

Color Contrast Check

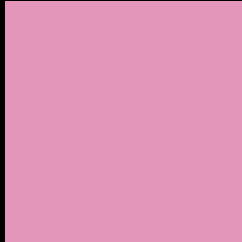
Large Text (above 18pt) WCAG AA × Fail

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 51.4478, 41.6888, 51.7895 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 51.4478, 41.6888, 51.7895

Background



This preview shows how black text looks on a background with the XYZ color 51.4478, 41.6888, 51.7895.



This preview shows how white text looks on a background with the XYZ color 51.4478, 41.6888,

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

51.4478, 41.6888, 51.7895

Protanopia

41.3263, 42.0000, 60.5723

Deuteranopia

42.7996, 41.8633, 50.6244



Tritanopia

49.3985, 41.8354, 41.0688

Trichromacy



Original Color

51.4478, 41.6888, 51.7895

Protanomaly

44.1121, 41.3099, 57.2784

Deuteranomaly

45.4840, 41.3679, 50.9349

Tritanomaly

50.2981, 41.9683, 44.9849

Monochromacy



Original Color

51.4478, 41.6888, 51.7895

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.5626, 42.5348, 49.0414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4478, 41.6888, 51.7895 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, 150, 186)` looks like.

```
.text, #text, p{  
    color:rgb(227, 150, 186)  
}
```

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, 150, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 150, 186) }
```

Border

The CSS property to change the border of an element to XYZ 51.4478, 41.6888, 51.7895 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, 150, 186) }
```


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

```
.border{ border-color:rgb(227, 150, 186) }
```

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

Here you see how a box with a 4 pixel rgb(227, 150, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 150, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 150, 186);  
box-shadow:4px 4px 4px 4px rgb(227, 150,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4478, 41.6888, 51.7895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 150, 186) }
```

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

```
.background{ background-color: rgb(227,  
150, 186) }
```

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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