

Converting Colors

XYZ(50.4434, 39.7341, 44.1282)

Have a look what the booklet for
XYZ(50.4434, 39.7341, 44.1282)
contains.

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Color

**XYZ(50.5476, 39.7793,
44.0437)**

Conversions

Conversions Part 1

Format	Color
Hex	E88FAC
RGB	232, 143, 172
RGB Percent	91%, 56%, 67%
CMY	0.0902, 0.4392, 0.3255
CMYK	0.00, 0.38, 0.26, 0.09
HSL	340°, 66%, 74%
HSV	340°, 38%, 91%
XYZ	50.5476, 39.7793, 44.0437
YIQ	172.9170, 43.7350, 27.8870

Conversions

Conversions Part 2

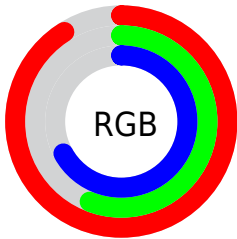
Format	Color
R _Y B	232, 143, 172
Decimal	15241132
CIE Lab	69.31, 37.37, -0.82
CIE LCh	69, 37.380, 358.739
Yxy	39.7793, 0.3762, 0.2960
Android (android.graphics.Color)	4293431212 (0xFFE88FAC)
YUV	172.9170, -0.4521, 51.8158
Hunter-Lab	63.0708, 32.6834, 2.7461

Details

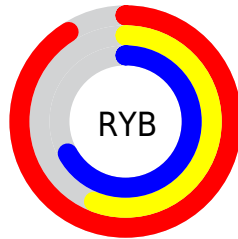
The XYZ color **50.5476, 39.7793, 44.0437** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **50.9657, 67.8658, 66.9167**, and the grayscale version is **39.6659, 41.7316, 45.4457**.

A 20% lighter version of the original color is **75.2992, 67.1942, 81.6741**, and **24.5868, 17.8369, 19.9163** is the 20% darker color. If you saturate the color by 10%, you get **46.0033, 32.9547, 35.5486**, and if you desaturate by 10%, it is **55.9912, 48.1187, 53.7118**.

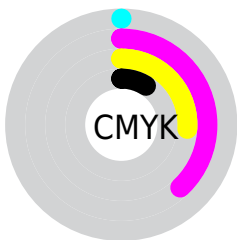
Distribution



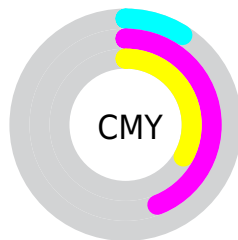
- Red (91%)
- Green (56%)
- Blue (67%)



- Red (91%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (38%)
- Yellow (26%)
- Black (9%)





- Cyan (9%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5476, 39.7793, 44.0437 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 50.5476, 39.7793, 44.0437 by changing the saturation by 10% instead.


 50.5476, 39.7793,
44.0437


 50.5476, 39.7793,
44.0437


379.2202,
345.1925, 378.9331

 36.0683, 27.3665,
30.3674


 90.1727, 74.8273,
82.5867

 24.6573, 17.8487,
19.8632


 116.0491, 98.2313,
108.2904

 15.9493, 10.8414,
12.1126


146.4554,
126.0679, 138.8405

 9.5789, 5.9603,
6.6969

181.7567,
158.7214, 174.6553

 5.1808, 2.8209,
3.1977

222.3185,
196.5762, 216.1534

 2.3896, 1.0390,
1.1965

268.5061,

 0.8399, 0.0000,

240.0167, 263.7534

0.0000

320.6849,
289.4273, 317.8738

■ 0.0000, 0.0000,
0.0000

■ 50.5476, 39.7793,
44.0437

■ 50.5476, 39.7793,
44.0437

■ 46.0033, 32.9547,
35.5486

■ 55.9912, 48.1187,
53.7118

■ 42.3040, 27.5473,
28.1770

■ 62.3773, 58.0514,
64.5947

■ 39.3948, 23.4571,
21.8791

■ 69.7505, 69.6570,
76.7349

■ 37.2121, 20.5683,
16.6000

■ 78.1514, 83.0084,
90.1723

■ 35.6821, 18.7445,
12.2787

■ 86.3268, 95.5911,
104.5143

■ 34.7008, 17.7908,
8.8415

■ 87.0889, 95.8959,
108.5274

■ 34.5691, 17.6720,
8.3515

Harmonies

Analogous

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



48.5464, 39.7793, 62.8083



50.5476, 39.7793, 44.0437



48.8468, 39.7793, 29.2966

Triad

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



50.5476, 39.7793, 44.0437



32.5317, 39.7793, 20.3315



32.1357, 39.7793, 78.1161

Complementary

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



50.5476, 39.7793, 44.0437



50.9657, 67.8658, 66.9167

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.



28.5735, 39.7793, 61.2094



50.5476, 39.7793, 44.0437



28.7845, 39.7793, 28.3373

Square

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



50.5476, 39.7793, 44.0437



38.0634, 39.7793, 17.9767



27.4135, 39.7793, 42.5902



37.5558, 39.7793, 85.4246

Rectangle

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



50.5476, 39.7793, 44.0437



45.9342, 39.7793, 22.9302



27.4135, 39.7793, 42.5902



30.7034, 39.7793, 73.1795

Sweetspot

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



50.5487, 39.7812, 44.0445



82.9077, 80.7484, 89.3369



48.8370, 38.0764, 81.1198



17.4867, 16.8755, 18.6961



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.



50.5487, 39.7812, 44.0445



58.1137, 42.4823, 46.1682



50.4366, 43.5379, 31.7343



14.5696, 14.4450, 15.9339



19.2427, 9.8313, 4.9073



1.4634, 0.7431, 0.5810

Inverse Universe

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



50.5487, 39.7812, 44.0445



58.1137, 42.4823, 46.1682



50.7505, 61.3788, 85.5168



14.5696, 14.4450, 15.9339



19.2427, 9.8313, 4.9073



1.4634, 0.7431, 0.5810

Previews

White Background



This preview shows how the XYZ color 50.5476, 39.7793, 44.0437 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 50.5476, 39.7793, 44.0437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

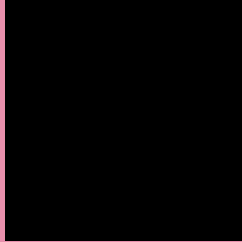
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5476, 39.7793, 44.0437

Background



This preview shows how black text looks on a background with the XYZ color 50.5476, 39.7793, 44.0437.



This preview shows how white text looks on a background with the XYZ color 50.5476, 39.7793,

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

50.5476, 39.7793, 44.0437

Protanopia

39.0940, 40.1793, 52.7086

Deuteranopia

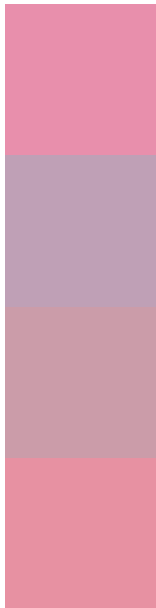
40.5930, 39.8172, 42.5918



Tritanopia

48.9978, 39.8151, 37.0009

Trichromacy



Original Color

50.5476, 39.7793, 44.0437

Protanomaly

42.5002, 39.5954, 49.6586

Deuteranomaly

43.6785, 39.3380, 42.8270

Tritanomaly

49.6020, 39.8484, 39.2596

Monochromacy



Original Color

50.5476, 39.7793, 44.0437

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.7113, 40.3271, 45.0679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5476, 39.7793, 44.0437 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, 143, 172)` looks like.

```
.text, #text, p{  
    color:rgb(232, 143, 172)  
}
```

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, 143, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 143, 172) }
```

Border

The CSS property to change the border of an element to XYZ 50.5476, 39.7793, 44.0437 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, 143, 172) }
```


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

```
.border{ border-color:rgb(232, 143, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 143, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 143, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 143, 172);  
box-shadow:4px 4px 4px 4px rgb(232, 143,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5476, 39.7793, 44.0437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 143, 172) }
```

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

```
.background{ background-color: rgb(232,  
143, 172) }
```

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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