

Converting Colors

XYZ(56.6594, 45.1493, 47.6149)

Have a look what the booklet for
XYZ(56.6594, 45.1493, 47.6149)
contains.

XYZ(56.7353, 45.2299, 47.8594)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.7353, 45.2299,
47.8594)**

Conversions

Conversions Part 1

Format	Color
Hex	F499B2
RGB	244, 153, 178
RGB Percent	96%, 60%, 70%
CMY	0.0431, 0.4000, 0.3020
CMYK	0.00, 0.37, 0.27, 0.04
HSL	344°, 81%, 78%
HSV	344°, 37%, 96%
XYZ	56.7353, 45.2299, 47.8594
YIQ	183.0590, 46.2110, 27.0670

Conversions

Conversions Part 2

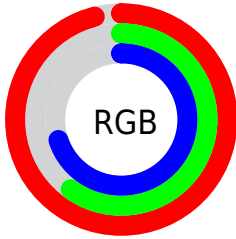
Format	Color
RYB	244, 153, 178
Decimal	16030130
CIELab	73.04, 37.19, 1.46
CIElCh	73, 37.216, 2.243
Yxy	45.2299, 0.3787, 0.3019
Android (android.graphics.Color)	4294220210 (0xFFFF499B2)
YUV	183.0590, -2.4941, 53.4453
Hunter-Lab	67.2532, 32.8909, 4.8847

Details

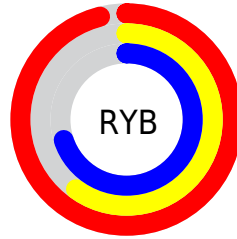
The XYZ color **56.7353, 45.2299, 47.8594** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.2757, 76.5892, 78.7335**, and the grayscale version is **45.0387, 47.3843, 51.6015**.

A 20% lighter version of the original color is **78.6472, 72.3123, 87.6544**, and **28.5085, 21.0341, 21.9595** is the 20% darker color. If you saturate the color by 10%, you get **51.4785, 37.3788, 37.8986**, and if you desaturate by 10%, it is **63.0404, 54.8100, 59.3017**.

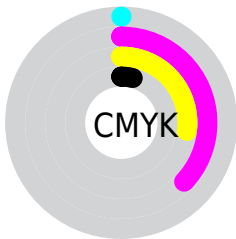
Distribution



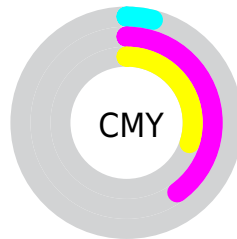
- Red (96%)
- Green (60%)
- Blue (70%)



- Red (96%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (37%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7353, 45.2299, 47.8594 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 56.7353, 45.2299, 47.8594 by changing the saturation by 10% instead.


 56.7353, 45.2299,
47.8594


 56.7353, 45.2299,
47.8594


402.4869,
367.7039, 394.7272

 41.0321, 31.6385,
33.3564

 99.2124, 83.0653,
88.3584

 28.5319, 21.0856,
22.1262

 126.7171,
108.0781, 115.1914

 18.8695, 13.1866,
13.7505


158.8862,
137.6669, 146.9715

 11.6795, 7.5571,
7.8106

196.0852,
172.2160, 184.1173

 6.5965, 3.8129,
3.8879

238.6794,
212.1099, 227.0472

 3.2551, 1.5695,
1.5641

287.0342,

 1.2901, 0.3369,

257.7329, 276.1797

0.2650

341.5149,
309.4694, 331.9336

■ 0.1758, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7353, 45.2299,
47.8594

■ 56.7353, 45.2299,
47.8594

■ 51.4785, 37.3788,
37.8986

■ 63.0404, 54.8100,
59.3017

■ 47.2075, 31.1466,
29.3540

■ 70.4441, 66.2076,
72.2814

■ 43.8586, 26.4204,
22.1592

■ 78.9979, 79.5130,
86.8549

■ 41.3588, 23.0702,
16.2411

■ 88.7491, 94.8084,
103.0747

■ 39.6232, 20.9433,
11.5185

■ 91.1183, 97.9731,
108.7160

■ 38.5437, 19.8420,
7.8976

■ 38.3221, 19.6387,
7.0847

Harmonies

Analogous

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



55.0328, 45.2299, 67.8814



56.7353, 45.2299, 47.8594



54.4578, 45.2299, 32.5050

Triad

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



56.7353, 45.2299, 47.8594



36.6571, 45.2299, 24.7422



37.4246, 45.2299, 88.2258

Complementary

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



56.7353, 45.2299, 47.8594



58.2757, 76.5892, 78.7335

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.



33.2564, 45.2299, 70.9326



56.7353, 45.2299, 47.8594



32.8457, 45.2299, 34.3801

Square

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



56.7353, 45.2299, 47.8594



42.5021, 45.2299, 21.4292



31.6655, 45.2299, 50.6625



43.4809, 45.2299, 94.4032

Rectangle

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



56.7353, 45.2299, 47.8594



51.1106, 45.2299, 26.0123



31.6655, 45.2299, 50.6625



35.7780, 45.2299, 83.3365

Sweetspot

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



56.7366, 45.2321, 47.8603



83.6410, 82.1490, 89.7841



56.7003, 44.2554, 91.1418



17.6254, 17.1519, 18.7459



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.



56.7366, 45.2321, 47.8603



58.0790, 43.0590, 44.1642



57.9489, 51.3138, 36.9900



16.6861, 16.5573, 18.0938



20.8866, 10.6981, 4.1114



1.8773, 0.9569, 0.5803

Inverse Universe

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



56.7366, 45.2321, 47.8603



58.0790, 43.0590, 44.1642



56.1995, 66.7692, 95.5138



16.6861, 16.5573, 18.0938



20.8866, 10.6981, 4.1114



1.8773, 0.9569, 0.5803

Previews

White Background



This preview shows how the XYZ color 56.7353, 45.2299, 47.8594 looks on a white background.

Color Contrast Check

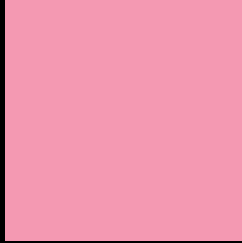
Large Text (above 18pt) WCAG AA × Fail

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 56.7353, 45.2299, 47.8594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

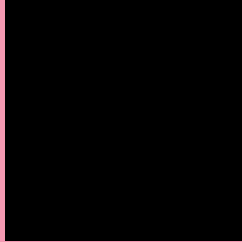
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7353, 45.2299, 47.8594

Background



This preview shows how black text looks on a background with the XYZ color 56.7353, 45.2299, 47.8594.



This preview shows how white text looks on a background with the XYZ color 56.7353, 45.2299,

47.8594.

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

56.7353, 45.2299, 47.8594

Protanopia

44.3361, 45.6742, 56.9313

Deuteranopia

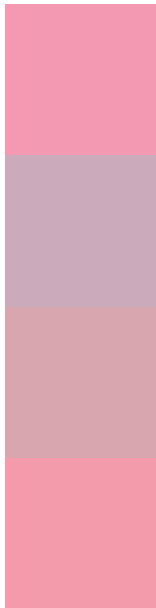
46.3292, 45.4702, 46.3792



Tritanopia

55.6585, 45.2874, 42.3670

Trichromacy



Original Color

56.7353, 45.2299, 47.8594

Protanomaly

48.0804, 45.0768, 53.7435

Deuteranomaly

49.3984, 44.8147, 46.6040

Tritanomaly

55.8684, 45.1062, 44.2898

Monochromacy



Original Color

56.7353, 45.2299, 47.8594

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

48.2699, 45.8204, 50.0162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7353, 45.2299, 47.8594 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(244, 153, 178)` looks like.

```
.text, #text, p{  
    color:rgb(244, 153, 178)  
}
```

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(244, 153, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 153, 178) }
```

Border

The CSS property to change the border of an element to XYZ 56.7353, 45.2299, 47.8594 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(244, 153, 178) }
```


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

```
.border{ border-color:rgb(244, 153, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 153, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 153, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 153, 178);  
box-shadow:4px 4px 4px 4px rgb(244, 153,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7353, 45.2299, 47.8594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 153, 178) }
```

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

```
.background{ background-color: rgb(244,  
153, 178) }
```

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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