

Converting Colors

XYZ(52.7456, 41.2565, 45.5251)

Have a look what the booklet for
XYZ(52.7456, 41.2565, 45.5251)
contains.

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Color

**XYZ(52.7883, 41.3505,
45.7566)**

Conversions

Conversions Part 1

Format	Color
Hex	ED91AF
RGB	237, 145, 175
RGB Percent	93%, 57%, 69%
CMY	0.0706, 0.4313, 0.3137
CMYK	0.00, 0.39, 0.26, 0.07
HSL	340°, 72%, 75%
HSV	340°, 39%, 93%
XYZ	52.7883, 41.3505, 45.7566
YIQ	175.9280, 45.2020, 28.8340

Conversions

Conversions Part 2

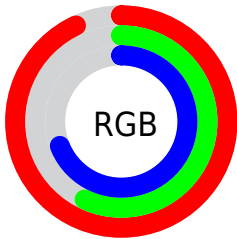
Format	Color
R _Y B	237, 145, 175
Decimal	15569327
CIE Lab	70.42, 38.49, -0.80
CIE LCh	70, 38.500, 358.803
Yxy	41.3505, 0.3773, 0.2956
Android (android.graphics.Color)	4293759407 (0xFFED91AF)
YUV	175.9280, -0.4575, 53.5601
Hunter-Lab	64.3044, 34.0004, 2.8245

Details

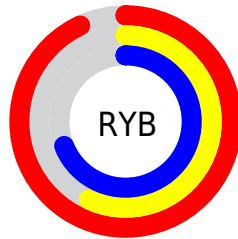
The XYZ color **52.7883, 41.3505, 45.7566** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.2256, 71.0941, 69.9524**, and the grayscale version is **41.2162, 43.3627, 47.2220**.

A 20% lighter version of the original color is **76.1772, 68.2817, 84.0276**, and **26.0799, 18.8425, 21.0013** is the 20% darker color. If you saturate the color by 10%, you get **48.0603, 34.2581, 36.8932**, and if you desaturate by 10%, it is **58.4596, 50.0318, 55.8509**.

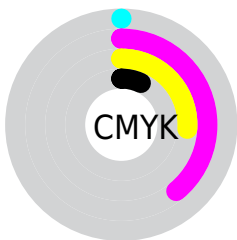
Distribution



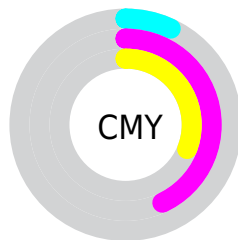
- Red (93%)
- Green (57%)
- Blue (69%)



- Red (93%)
- Yellow (57%)
- Blue (69%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (7%)




- Cyan (7%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7883, 41.3505, 45.7566 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 52.7883, 41.3505, 45.7566 by changing the saturation by 10% instead.


 52.7883, 41.3505,
45.7566


 52.7883, 41.3505,
45.7566


387.7466,
351.7834, 386.0783

 37.8606, 28.5931,
31.7065


 93.4601, 77.2157,
85.1851

 26.0512, 18.7732,
20.8745


 119.9350,
101.0922, 111.4005

 16.9949, 11.5065,
12.8419


150.9896,
129.4439, 142.5082

 10.3261, 6.4086,
7.1903

186.9893,
162.6551, 178.9265

 5.6796, 3.0951,
3.5012

228.2995,
201.1103, 221.0742

 2.6901, 1.1816,
1.3559

275.2856,

 0.9921, 0.0466,

245.1938, 269.3697

0.1069

328.3128,
295.2900, 324.2316

■ 0.0000, 0.0000,
0.0000

■ 52.7883, 41.3505,
45.7566

■ 52.7883, 41.3505,
45.7566

■ 48.0603, 34.2581,
36.8932

■ 58.4596, 50.0318,
55.8509

■ 44.2182, 28.6513,
29.2084

■ 65.1200, 60.3849,
67.2203

■ 41.2038, 24.4241,
22.6497

■ 72.8166, 72.4942,
79.9096

■ 38.9499, 21.4536,
17.1588

■ 81.5922, 86.4364,
93.9609

■ 37.3777, 19.5947,
12.6714

■ 88.7133, 96.7358,
108.4893

■ 36.3729, 18.6324,
9.1080

■ 88.7351, 96.7446,
108.6045

■ 36.2744, 18.5443,
8.7395

Harmonies

Analogous

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



50.6752, 41.3505, 65.6289



52.7883, 41.3505, 45.7566



50.9773, 41.3505, 30.2150

Triad

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



52.7883, 41.3505, 45.7566



33.7186, 41.3505, 20.8429



33.3221, 41.3505, 81.9617

Complementary

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



52.7883, 41.3505, 45.7566



53.2256, 71.0941, 69.9524

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.



29.5618, 41.3505, 64.0190



52.7883, 41.3505, 45.7566



29.7728, 41.3505, 29.2575

Square

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



52.7883, 41.3505, 45.7566



39.5575, 41.3505, 18.3685



28.3344, 41.3505, 44.2986



39.0484, 41.3505, 89.7066

Rectangle

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



52.7883, 41.3505, 45.7566



47.8876, 41.3505, 23.5376



28.3344, 41.3505, 44.2986



31.8100, 41.3505, 76.7212

Sweetspot

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



52.7895, 41.3525, 45.7574



82.9088, 80.7488, 89.3426



50.9593, 39.5371, 85.0665



17.4869, 16.8756, 18.6975



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.



52.7895, 41.3525, 45.7574



57.5871, 41.6947, 45.1732



52.6661, 45.3083, 32.7602



15.2679, 15.1350, 16.6963



19.8580, 10.1459, 5.0536



1.6021, 0.8138, 0.6220

Inverse Universe

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



52.7895, 41.3525, 45.7574



57.5871, 41.6947, 45.1732



52.9974, 64.2011, 89.7198



15.2679, 15.1350, 16.6963



19.8580, 10.1459, 5.0536



1.6021, 0.8138, 0.6220

Previews

White Background



This preview shows how the XYZ color 52.7883, 41.3505, 45.7566 looks on a white background.

Color Contrast Check

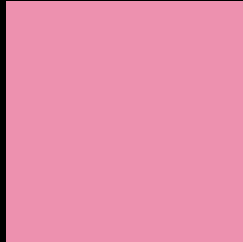
Large Text (above 18pt) WCAG AA × Fail

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 52.7883, 41.3505, 45.7566 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 52.7883, 41.3505, 45.7566

Background



This preview shows how black text looks on a background with the XYZ color 52.7883, 41.3505, 45.7566.



This preview shows how white text looks on a background with the XYZ color 52.7883, 41.3505,

45.7566.

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

52.7883, 41.3505, 45.7566

Protanopia

40.5444, 41.4335, 55.1507

Deuteranopia

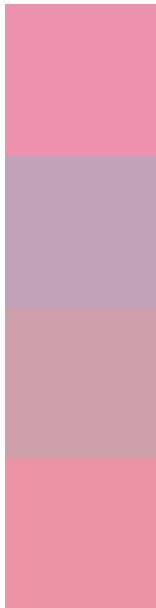
42.4046, 41.5249, 44.3082



Tritanopia

51.1089, 41.3452, 38.0876

Trichromacy



Original Color

52.7883, 41.3505, 45.7566

Protanomaly

43.9254, 40.8128, 51.4615

Deuteranomaly

45.5767, 41.0402, 44.5491

Tritanomaly

51.8173, 41.4169, 40.8605

Monochromacy



Original Color

52.7883, 41.3505, 45.7566

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

44.5803, 42.0506, 46.8412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7883, 41.3505, 45.7566 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(237, 145, 175)` looks like.

```
.text, #text, p{  
    color:rgb(237, 145, 175)  
}
```

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(237, 145, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 145, 175) }
```

Border

The CSS property to change the border of an element to XYZ 52.7883, 41.3505, 45.7566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

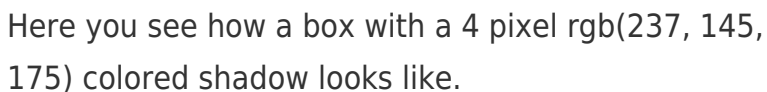
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 145, 175) }
```


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

```
.border{ border-color:rgb(237, 145, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 145, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 145, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 145, 175); box-shadow:4px 4px 4px 4px rgb(237, 145, 175) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7883, 41.3505, 45.7566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 145, 175) }
```

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

```
.background{ background-color: rgb(237,  
145, 175) }
```

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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