

Converting Colors

XYZ(52.6819, 41.6985, 56.4320)

Have a look what the booklet for
XYZ(52.6819, 41.6985, 56.4320)
contains.

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Color

**XYZ(52.6406, 41.7329,
56.3197)**

Conversions

Conversions Part 1

Format	Color
Hex	E594C2
RGB	229, 148, 194
RGB Percent	90%, 58%, 76%
CMY	0.1020, 0.4196, 0.2392
CMYK	0.00, 0.35, 0.15, 0.10
HSL	326°, 61%, 74%
HSV	326°, 35%, 90%
XYZ	52.6406, 41.7329, 56.3197
YIQ	177.4630, 33.5100, 31.4780

Conversions

Conversions Part 2

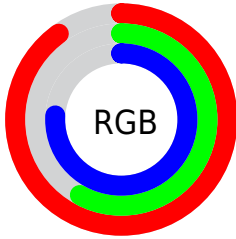
Format	Color
R _Y B	229, 148, 194
Decimal	15045826
CIE Lab	70.69, 36.96, -11.09
CIE LCh	71, 38.590, 343.305
Yxy	41.7329, 0.3493, 0.2769
Android (android.graphics.Color)	4293235906 (0xFFE594C2)
YUV	177.4630, 8.1527, 45.1979
Hunter-Lab	64.6010, 32.4003, -6.4688

Details

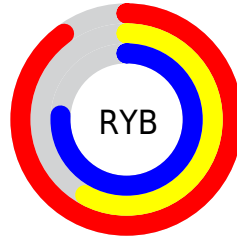
The XYZ color **52.6406, 41.7329, 56.3197** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **48.7811, 65.7546, 54.9237**, and the grayscale version is **41.9806, 44.1669, 48.0977**.

A 20% lighter version of the original color is **80.0085, 70.9369, 100.7421**, and **25.9298, 19.0298, 27.1174** is the 20% darker color. If you saturate the color by 10%, you get **48.3231, 34.8172, 49.5787**, and if you desaturate by 10%, it is **57.7451, 50.1031, 63.6891**.

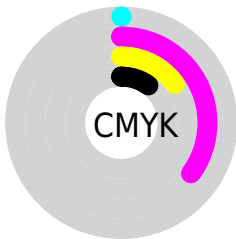
Distribution



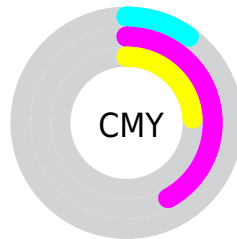
- Red (90%)
- Green (58%)
- Blue (76%)



- Red (90%)
- Yellow (58%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (15%)
- Black (10%)





- Cyan (10%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6406, 41.7329, 56.3197 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 52.6406, 41.7329, 56.3197 by changing the saturation by 10% instead.


 52.6406, 41.7329,
56.3197


 52.6406, 41.7329,
56.3197


387.1882,
353.3745, 428.3173

 37.7423, 28.8922,
40.0536


 93.2440, 77.7952,
100.9623

 25.9590, 18.9993,
27.2662


 119.6797,
101.7856, 130.1759

 16.9255, 11.6698,
17.5391

150.6919,
130.2614, 164.5424

 10.2764, 6.5192,
10.4536

186.6460,
163.6069, 204.4803

 5.6462, 3.1633,
5.5912

227.9073,
202.2066, 250.4082

 2.6698, 1.2176,
2.5334

274.8412,

 0.9817, 0.0760,

246.4448, 302.7447

0.8578

327.8131,
296.7060, 361.9082

■ 0.0000, 0.0000,
0.0000

■ 52.6406, 41.7329,
56.3197

■ 52.6406, 41.7329,
56.3197

■ 48.3231, 34.8172,
49.5787

■ 57.7451, 50.1031,
63.6891

■ 44.7454, 29.2655,
43.4421

■ 63.6730, 59.9998,
71.7045

■ 41.8606, 24.9860,
37.8872

■ 70.4627, 71.4973,
80.3858

■ 39.6149, 21.8730,
32.8888

■ 78.1491, 84.6632,
89.7513

■ 37.9454, 19.8037,
28.4180

■ 84.3235, 94.6782,
99.0043

■ 36.7755, 18.6273,
24.4413

■ 85.8627, 95.2939,
107.1100

■ 36.3455, 18.2710,
22.7456

■ 86.1233, 95.3981,
108.4822

Harmonies

Analogous

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



48.7065, 41.7329, 76.1673



52.6406, 41.7329, 56.3197



52.8681, 41.7329, 37.8116

Triad

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



52.6406, 41.7329, 56.3197



36.9042, 41.7329, 19.0732



31.3778, 41.7329, 74.1089

Complementary

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



52.6406, 41.7329, 56.3197



48.7811, 65.7546, 54.9237

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.



28.8677, 41.7329, 54.0312



52.6406, 41.7329, 56.3197



31.8195, 41.7329, 24.3378

Square

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



52.6406, 41.7329, 56.3197



43.3022, 41.7329, 19.3769



29.0202, 41.7329, 36.0603



36.2391, 41.7329, 88.1787

Rectangle

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



52.6406, 41.7329, 56.3197



50.8493, 41.7329, 28.7238



29.0202, 41.7329, 36.0603



30.2556, 41.7329, 67.6363

Sweetspot

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



52.6418, 41.7348, 56.3206



84.8548, 82.6346, 96.1759



43.9670, 36.7539, 78.9061



17.9140, 17.2673, 20.2656



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.



52.6418, 41.7348, 56.3206



63.2881, 46.9980, 65.8756



48.8000, 40.1981, 36.0897



14.7182, 14.5045, 16.7163



20.8420, 10.4710, 13.3287



1.5865, 0.7923, 1.2292

Inverse Universe

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



52.6418, 41.7348, 56.3206



63.2881, 46.9980, 65.8756



53.4518, 67.6228, 79.5191



14.7182, 14.5045, 16.7163



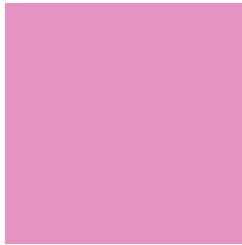
20.8420, 10.4710, 13.3287



1.5865, 0.7923, 1.2292

Previews

White Background



This preview shows how the XYZ color 52.6406, 41.7329, 56.3197 looks on a white background.

Color Contrast Check

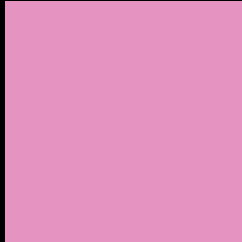
Large Text (above 18pt) WCAG AA × Fail

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 52.6406, 41.7329, 56.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

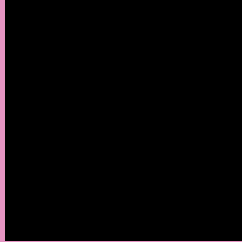
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6406, 41.7329, 56.3197

Background



This preview shows how black text looks on a background with the XYZ color 52.6406, 41.7329, 56.3197.



This preview shows how white text looks on a background with the XYZ color 52.6406, 41.7329,

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

52.6406, 41.7329, 56.3197

Protanopia

41.9024, 42.1575, 66.9015

Deuteranopia

42.7736, 42.0387, 54.5751



Tritanopia

49.5468, 41.6678, 41.0286

Trichromacy



Original Color

52.6406, 41.7329, 56.3197



Protanomaly

44.7353, 41.2454, 62.7301



Deuteranomaly

45.7020, 41.3934, 54.8712



Tritanomaly

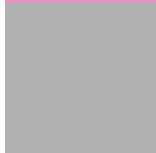
50.5816, 41.5987, 46.4377

Monochromacy



Original Color

52.6406, 41.7329, 56.3197



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

44.9484, 42.4271, 50.6200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6406, 41.7329, 56.3197 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(229, 148, 194)` looks like.

```
.text, #text, p{  
    color:rgb(229, 148, 194)  
}
```

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(229, 148, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 148, 194) }
```

Border

The CSS property to change the border of an element to XYZ 52.6406, 41.7329, 56.3197 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(229, 148, 194) }
```


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

```
.border{ border-color:rgb(229, 148, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 148, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 148, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 148, 194);  
box-shadow:4px 4px 4px 4px rgb(229, 148,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6406, 41.7329, 56.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 148, 194) }
```

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

```
.background{ background-color: rgb(229,  
148, 194) }
```

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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