

Converting Colors

XYZ(54.3532, 42.3981, 61.9498)

Have a look what the booklet for
XYZ(54.3532, 42.3981, 61.9498)
contains.

XYZ(54.3244, 42.4805, 61.8363)	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(54.3244, 42.4805,
61.8363)**

Conversions

Conversions Part 1

Format	Color
Hex	E794CB
RGB	231, 148, 203
RGB Percent	91%, 58%, 80%
CMY	0.0941, 0.4196, 0.2039
CMYK	0.00, 0.36, 0.12, 0.09
HSL	320°, 63%, 74%
HSV	320°, 36%, 91%
XYZ	54.3244, 42.4805, 61.8363
YIQ	179.0870, 31.8130, 34.7010

Conversions

Conversions Part 2

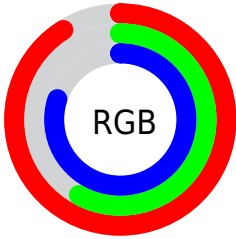
Format	Color
R _Y B	231, 148, 203
Decimal	15176907
CIE Lab	71.20, 39.08, -15.28
CIE LCh	71, 41.958, 338.646
Yxy	42.4805, 0.3424, 0.2678
Android (android.graphics.Color)	4293366987 (0xFFE794CB)
YUV	179.0870, 11.7891, 45.5277
Hunter-Lab	65.1771, 34.7180, -10.6270

Details

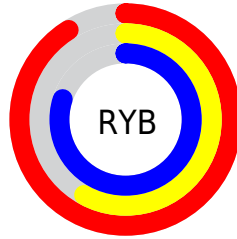
The XYZ color **54.3244, 42.4805, 61.8363** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **48.6269, 66.5836, 51.3661**, and the grayscale version is **42.8225, 45.0526, 49.0623**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **27.0632, 19.5343, 30.7779** is the 20% darker color. If you saturate the color by 10%, you get **50.1508, 35.5819, 55.9777**, and if you desaturate by 10%, it is **59.2703, 50.8476, 68.1835**.

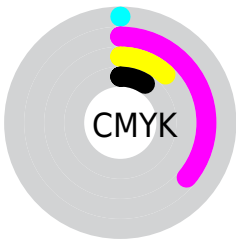
Distribution



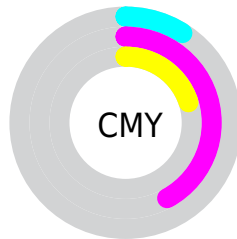
- Red (91%)
- Green (58%)
- Blue (80%)



- Red (91%)
- Yellow (58%)
- Blue (80%)



- Cyan (0%)
- Magenta (36%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3244, 42.4805, 61.8363 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 54.3244, 42.4805, 61.8363 by changing the saturation by 10% instead.

54.3244, 42.4805,
61.8363

54.3244, 42.4805,
61.8363

393.5240,
356.4709, 449.3249

39.0928, 29.4777,
44.4655

95.7045, 78.9263,
109.0582

27.0130, 19.4425,
30.6968

122.5837,
103.1382, 139.7464

17.7196, 11.9905,
20.1115

154.0761,
131.8551, 175.7108

10.8473, 6.7372,
12.2913

190.5471,
165.4616, 217.3699

6.0308, 3.2983,
6.8174

232.3620,
204.3421, 265.1424

2.9047, 1.2894,
3.2715

279.8863,

1.1035, 0.1330,

248.8809, 319.4467

1.2349

333.4851,
299.4623, 380.7013

■ 0.0281, 0.0000,
0.0075

■ 0.0000, 0.0000,
0.0000

■ 54.3244, 42.4805,
61.8363

■ 54.3244, 42.4805,
61.8363

■ 50.1508, 35.5819,
55.9777

■ 59.2703, 50.8476,
68.1835

■ 46.7017, 30.0592,
50.5873

■ 65.0248, 60.7570,
75.0335

■ 43.9298, 25.8185,
45.6461

■ 71.6268, 72.2845,
82.4028

■ 41.7803, 22.7513,
41.1326

■ 79.1113, 85.4990,
90.3063

■ 40.1895, 20.7311,
37.0217

■ 84.7374, 94.9179,
97.8334

■ 39.0786, 19.6017,
33.2837

■ 85.9331, 95.3962,
104.1297

■ 38.7108, 19.2913,
31.8500

■ 86.7653, 95.7291,
108.5123

Harmonies

Analogous

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



49.4231, 42.4805, 83.5700



54.3244, 42.4805, 61.8363



55.2739, 42.4805, 40.6734

Triad

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



54.3244, 42.4805, 61.8363



38.3777, 42.4805, 17.5607



30.7098, 42.4805, 74.8977

Complementary

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



54.3244, 42.4805, 61.8363



48.6269, 66.5836, 51.3661

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.



28.4295, 42.4805, 52.3232



54.3244, 42.4805, 61.8363



32.5071, 42.4805, 22.1225

Square

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



54.3244, 42.4805, 61.8363



45.5029, 42.4805, 18.7497



29.0470, 42.4805, 33.5376



35.6503, 42.4805, 92.5067

Rectangle

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



54.3244, 42.4805, 61.8363



53.4434, 42.4805, 30.0624



29.0470, 42.4805, 33.5376



29.6345, 42.4805, 67.4131

Sweetspot

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



54.3257, 42.4825, 61.8372



85.2589, 82.7962, 98.3042



42.8448, 36.1429, 80.3201



18.0105, 17.3059, 20.7736



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.



54.3257, 42.4825, 61.8372



64.0749, 46.6803, 71.9680



50.0533, 40.7735, 39.3390



14.7776, 14.5282, 17.0293



21.7617, 10.8389, 18.1720



1.6510, 0.8181, 1.5688

Inverse Universe

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



54.3257, 42.4825, 61.8372



64.0749, 46.6803, 71.9680



53.3362, 68.4673, 76.1649



14.7776, 14.5282, 17.0293



21.7617, 10.8389, 18.1720



1.6510, 0.8181, 1.5688

Previews

White Background



This preview shows how the XYZ color 54.3244, 42.4805, 61.8363 looks on a white background.

Color Contrast Check

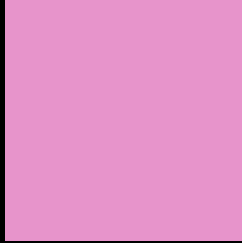
Large Text (above 18pt) WCAG AA × Fail

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 54.3244, 42.4805, 61.8363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

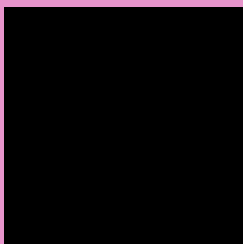
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3244, 42.4805, 61.8363

Background



This preview shows how black text looks on a background with the XYZ color 54.3244, 42.4805, 61.8363.



This preview shows how white text looks on a background with the XYZ color 54.3244, 42.4805,

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

54.3244, 42.4805, 61.8363

Protanopia

42.9661, 42.8410, 73.7147

Deuteranopia

43.5059, 42.5763, 59.9579



Tritanopia

50.3749, 42.5636, 42.1198

Trichromacy



Original Color

54.3244, 42.4805, 61.8363



Protanomaly

46.1521, 42.0973, 69.3114



Deuteranomaly

46.8988, 42.1529, 60.3081



Tritanomaly

51.4614, 42.2457, 48.6220

Monochromacy



Original Color

54.3244, 42.4805, 61.8363



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

46.3684, 43.6419, 53.5568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3244, 42.4805, 61.8363 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(231, 148, 203)` looks like.

```
.text, #text, p{  
    color:rgb(231, 148, 203)  
}
```

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(231, 148, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 148, 203) }
```

Border

The CSS property to change the border of an element to XYZ 54.3244, 42.4805, 61.8363 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(231, 148, 203) }
```


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

```
.border{ border-color:rgb(231, 148, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 148, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 148, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 148, 203);  
box-shadow:4px 4px 4px 4px rgb(231, 148,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3244, 42.4805, 61.8363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 148, 203) }
```

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

```
.background{ background-color: rgb(231,  
148, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor