

Converting Colors

XYZ(60.2287, 45.9403, 52.5183)

Have a look what the booklet for
XYZ(60.2287, 45.9403, 52.5183)
contains.

XYZ(60.2251, 45.9654, 52.7117)	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(60.2251, 45.9654,
52.7117)**

Conversions

Conversions Part 1

Format	Color
Hex	FD95BB
RGB	253, 149, 187
RGB Percent	99%, 58%, 73%
CMY	0.0078, 0.4157, 0.2667
CMYK	0.00, 0.41, 0.26, 0.01
HSL	338°, 96%, 79%
HSV	338°, 41%, 99%
XYZ	60.2251, 45.9654, 52.7117
YIQ	184.4280, 49.7860, 33.8660

Conversions

Conversions Part 2

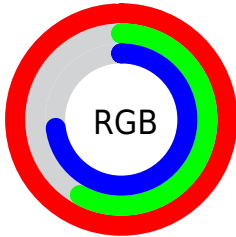
Format	Color
R _Y B	253, 149, 187
Decimal	16618939
CIE Lab	73.52, 43.58, -2.69
CIE LCh	74, 43.661, 356.467
Yxy	45.9654, 0.3790, 0.2893
Android (android.graphics.Color)	4294809019 (0xFFFD95BB)
YUV	184.4280, 1.2680, 60.1376
Hunter-Lab	67.7978, 39.9163, 1.3614

Details

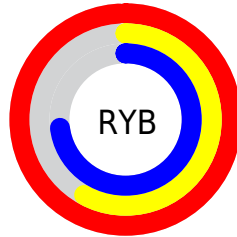
The XYZ color **60.2251, 45.9654, 52.7117** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.7876, 81.5476, 76.8832**, and the grayscale version is **45.7718, 48.1555, 52.4413**.

A 20% lighter version of the original color is **79.2490, 71.3937, 94.3975**, and **30.7341, 21.5563, 25.0952** is the 20% darker color. If you saturate the color by 10%, you get **55.0245, 38.1627, 42.9663**, and if you desaturate by 10%, it is **66.4899, 55.5880, 63.7611**.

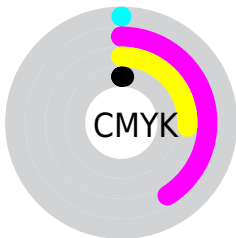
Distribution



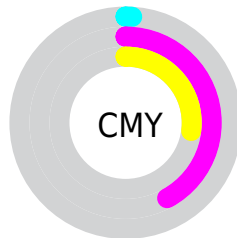
- Red (99%)
- Green (58%)
- Blue (73%)



- Red (99%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (41%)
- Yellow (26%)
- Black (1%)





- Cyan (1%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2251, 45.9654, 52.7117 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 60.2251, 45.9654, 52.7117 by changing the saturation by 10% instead.


 60.2251, 45.9654,
52.7117


 60.2251, 45.9654,
52.7117


415.2484,
370.6695, 414.2129

 43.8503, 32.2185,
37.1865


 104.2606, 84.1672,
95.6172

 30.7502, 21.5285,
25.0550


 132.6520,
109.3909, 123.8347

 20.5596, 13.5108,
15.8987


165.7796,
139.2091, 157.1200

 12.9131, 7.7812,
9.2989

204.0088,
174.0060, 195.8917

 7.4453, 3.9553,
4.8372

247.7049,
214.1661, 240.5682

 3.7909, 1.6486,
2.0950

297.2333,

 1.5845, 0.3900,

260.0738, 291.5683

0.6128

352.9594,
312.1135, 349.3103

■ 0.3823, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2251, 45.9654,
52.7117

■ 60.2251, 45.9654,
52.7117

■ 55.0245, 38.1627,
42.9663

■ 66.4899, 55.5880,
63.7611

■ 50.8209, 32.0572,
34.4700

■ 73.8727, 67.1298,
76.1605

■ 47.5456, 27.5210,
27.1676

■ 82.4283, 80.6908,
89.9572

■ 45.1183, 24.4052,
20.9976

■ 92.2065, 96.3619,
105.1948

■ 43.4439, 22.5317,
15.8915

94.3182, 99.6227,
108.8658

■ 42.4590, 21.6630,
12.1685

Harmonies

Analogous

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



57.2531, 45.9654, 77.3681



60.2251, 45.9654, 52.7117



58.3545, 45.9654, 33.4056

Triad

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



60.2251, 45.9654, 52.7117



37.4070, 45.9654, 20.8430



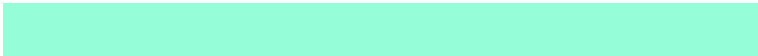
35.9978, 45.9654, 94.4558

Complementary

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



60.2251, 45.9654, 52.7117



59.7876, 81.5476, 76.8832

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.



31.7123, 45.9654, 71.4642



60.2251, 45.9654, 52.7117



32.4562, 45.9654, 30.0615

Square

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



60.2251, 45.9654, 52.7117



44.6090, 45.9654, 18.4994



30.4956, 45.9654, 47.4766



42.7812, 45.9654, 105.5347

Rectangle

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



60.2251, 45.9654, 52.7117



54.7200, 45.9654, 25.1402



30.4956, 45.9654, 47.4766



34.2496, 45.9654, 87.5859

Sweetspot

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



60.2264, 45.9676, 52.7126



83.0826, 80.8183, 90.2577



56.4642, 43.0162, 98.2558



17.5277, 16.8919, 18.9120



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.



60.2264, 45.9676, 52.7126



57.0362, 40.3613, 45.7036



59.0081, 49.2020, 34.8234



18.2837, 18.0968, 20.1110



22.6503, 11.5494, 6.8089



2.2557, 1.1447, 0.9280

Inverse Universe

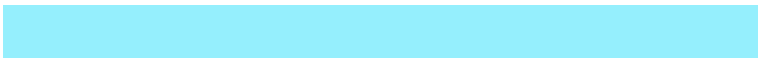
The Inverse Universe completely reimagines the original color for something new.



60.2264, 45.9676, 52.7126



57.0362, 40.3613, 45.7036



61.0312, 75.2939, 104.2453



18.2837, 18.0968, 20.1110



22.6503, 11.5494, 6.8089



2.2557, 1.1447, 0.9280

Previews

White Background



This preview shows how the XYZ color 60.2251, 45.9654, 52.7117 looks on a white background.

Color Contrast Check

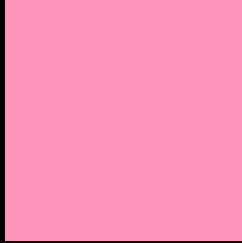
Large Text (above 18pt) WCAG AA × Fail

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 60.2251, 45.9654, 52.7117 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 60.2251, 45.9654, 52.7117

Background



This preview shows how black text looks on a background with the XYZ color 60.2251, 45.9654, 52.7117.



This preview shows how white text looks on a background with the XYZ color 60.2251, 45.9654,

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

60.2251, 45.9654, 52.7117

Protanopia

45.5933, 46.4459, 64.9544

Deuteranopia

47.0622, 46.0431, 50.6627



Tritanopia

57.8757, 45.9720, 40.9451

Trichromacy



Original Color

60.2251, 45.9654, 52.7117



Protanomaly

49.6736, 45.4786, 60.1930



Deuteranomaly

51.2014, 45.6386, 51.4579



Tritanomaly

58.8195, 46.1305, 44.8337

Monochromacy



Original Color

60.2251, 45.9654, 52.7117



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.6144, 46.1839, 52.1984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2251, 45.9654, 52.7117 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(253, 149, 187)` looks like.

```
.text, #text, p{  
    color:rgb(253, 149, 187)  
}
```

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(253, 149, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 149, 187) }
```

Border

The CSS property to change the border of an element to XYZ 60.2251, 45.9654, 52.7117 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(253, 149, 187) }
```


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

```
.border{ border-color:rgb(253, 149, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 149, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 149, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 149, 187);  
box-shadow:4px 4px 4px 4px rgb(253, 149,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2251, 45.9654, 52.7117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 149, 187) }
```

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

```
.background{ background-color: rgb(253,  
149, 187) }
```

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