

Converting Colors

XYZ(58.9761, 45.5424, 51.9826)

Have a look what the booklet for
XYZ(58.9761, 45.5424, 51.9826)
contains.

XYZ(59.1936, 45.6819, 52.1520)	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(59.1936, 45.6819,
52.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	FA96BA
RGB	250, 150, 186
RGB Percent	98%, 59%, 73%
CMY	0.0196, 0.4117, 0.2706
CMYK	0.00, 0.40, 0.26, 0.02
HSL	338°, 91%, 78%
HSV	338°, 40%, 98%
XYZ	59.1936, 45.6819, 52.1520
YIQ	184.0040, 48.0440, 32.3960

Conversions

Conversions Part 2

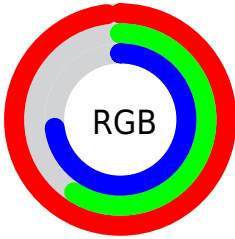
Format	Color
R _Y B	250, 150, 186
Decimal	16422586
CIE Lab	73.34, 41.91, -2.45
CIE LCh	73, 41.979, 356.653
Yxy	45.6819, 0.3770, 0.2909
Android (android.graphics.Color)	4294612666 (0xFFFA96BA)
YUV	184.0040, 0.9840, 57.8785
Hunter-Lab	67.5884, 38.0498, 1.5630

Details

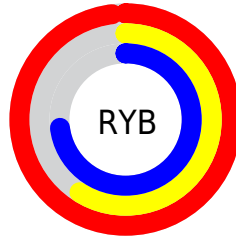
The XYZ color **59.1936, 45.6819, 52.1520** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.9030, 79.7114, 75.9037**, and the grayscale version is **45.5396, 47.9112, 52.1753**.

A 20% lighter version of the original color is **79.3383, 71.8134, 93.6842**, and **29.9942, 21.3192, 24.7245** is the 20% darker color. If you saturate the color by 10%, you get **54.0146, 37.8953, 42.4979**, and if you desaturate by 10%, it is **65.4166, 55.2510, 63.0949**.

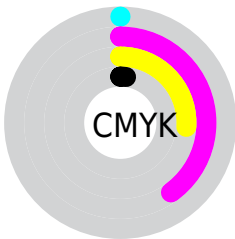
Distribution



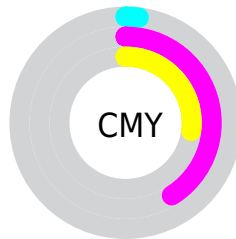
- Red (98%)
- Green (59%)
- Blue (73%)



- Red (98%)
- Yellow (59%)
- Blue (73%)



- Cyan (0%)
- Magenta (40%)
- Yellow (26%)
- Black (2%)





- Cyan (2%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1936, 45.6819, 52.1520 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 59.1936, 45.6819, 52.1520 by changing the saturation by 10% instead.


 59.1936, 45.6819,
52.1520


 59.1936, 45.6819,
52.1520


411.5015,
369.5283, 411.9968

 43.0160, 31.9949,
36.7432

 102.7720, 83.7427,
94.7842

 30.0922, 21.3576,
24.7145


 130.9035,
108.8853, 122.8447

 20.0570, 13.3856,
15.6474


163.7503,
138.6152, 155.9595

 12.5450, 7.6946,
9.1233

201.6778,
173.3169, 194.5471

 7.1908, 3.9002,
4.7238

245.0513,
213.3746, 239.0261

 3.6291, 1.6179,
2.0302

294.2361,

 1.4945, 0.3696,

259.1728, 289.8150

0.5738

349.5978,
311.0959, 347.3324

■ 0.3221, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1936, 45.6819,
52.1520

■ 59.1936, 45.6819,
52.1520

■ 54.0146, 37.8953,
42.4979

■ 65.4166, 55.2510,
63.0949

■ 49.8149, 31.7727,
34.0787

■ 72.7355, 66.6978,
75.3719

■ 46.5283, 27.1920,
26.8404

■ 81.2033, 80.1189,
89.0292

■ 44.0780, 24.0109,
20.7229

■ 90.8682, 95.6019,
104.1099

■ 42.3735, 22.0601,
15.6594

■ 93.2344, 99.0640,
108.8150

■ 41.2698, 21.0623,
11.5622

■ 41.2695, 21.0621,
11.5612

Harmonies

Analogous

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



56.3943, 45.6819, 75.6113



59.1936, 45.6819, 52.1520



57.3869, 45.6819, 33.6363

Triad

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



59.1936, 45.6819, 52.1520



37.3558, 45.6819, 21.5280



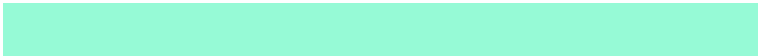
36.0719, 45.6819, 92.0327

Complementary

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



59.1936, 45.6819, 52.1520



58.9030, 79.7114, 75.9037

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.



31.9246, 45.6819, 70.3039



59.1936, 45.6819, 52.1520



32.6047, 45.6819, 30.5666

Square

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



59.1936, 45.6819, 52.1520



44.2536, 45.6819, 19.1856



30.7304, 45.6819, 47.4032



42.5955, 45.6819, 102.3850

Rectangle

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



59.1936, 45.6819, 52.1520



53.9138, 45.6819, 25.6401



30.7304, 45.6819, 47.4032



34.3834, 45.6819, 85.5620

Sweetspot

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



59.1949, 45.6841, 52.1529



83.0587, 80.8087, 90.1319



55.7009, 42.9134, 95.7901



17.5221, 16.8897, 18.8825



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.



59.1949, 45.6841, 52.1529



57.4748, 41.0865, 46.3186



58.0875, 48.8413, 35.2228



17.5028, 17.3285, 19.2373



21.9530, 11.1969, 6.4611



2.0819, 1.0565, 0.8548

Inverse Universe

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



59.1949, 45.6841, 52.1529



57.4748, 41.0865, 46.3186



60.0224, 73.7630, 101.5169



17.5028, 17.3285, 19.2373



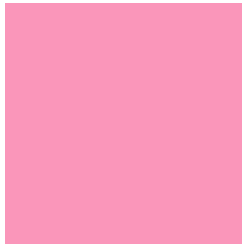
21.9530, 11.1969, 6.4611



2.0819, 1.0565, 0.8548

Previews

White Background



This preview shows how the XYZ color 59.1936, 45.6819, 52.1520 looks on a white background.

Color Contrast Check

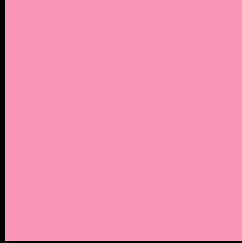
Large Text (above 18pt) WCAG AA × Fail

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 59.1936, 45.6819, 52.1520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

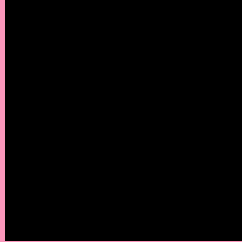
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1936, 45.6819, 52.1520

Background



This preview shows how black text looks on a background with the XYZ color 59.1936, 45.6819, 52.1520.



This preview shows how white text looks on a background with the XYZ color 59.1936, 45.6819,

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

59.1936, 45.6819, 52.1520

Protanopia

45.1506, 45.9469, 63.6157

Deuteranopia

46.7994, 45.9077, 50.6504



Tritanopia

57.0585, 45.7843, 41.4272

Trichromacy



Original Color

59.1936, 45.6819, 52.1520



Protanomaly

48.9825, 44.8739, 58.9032



Deuteranomaly

50.5024, 45.2903, 50.8799



Tritanomaly

58.0010, 45.9393, 45.3454

Monochromacy



Original Color

59.1936, 45.6819, 52.1520



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.5219, 46.4177, 52.2484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1936, 45.6819, 52.1520 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(250, 150, 186)` looks like.

```
.text, #text, p{  
    color:rgb(250, 150, 186)  
}
```

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(250, 150, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 150, 186) }
```

Border

The CSS property to change the border of an element to XYZ 59.1936, 45.6819, 52.1520 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(250, 150, 186) }
```


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

```
.border{ border-color:rgb(250, 150, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 150, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 150, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 150, 186);  
box-shadow:4px 4px 4px 4px rgb(250, 150,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1936, 45.6819, 52.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 150, 186) }
```

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

```
.background{ background-color: rgb(250,  
150, 186) }
```

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