

Converting Colors

XYZ(58.1125, 45.0933, 62.5664)

Have a look what the booklet for
XYZ(58.1125, 45.0933, 62.5664)
contains.

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Color

**XYZ(58.2413, 45.1936,
62.7803)**

Conversions

Conversions Part 1

Format	Color
Hex	F197CC
RGB	241, 151, 204
RGB Percent	95%, 59%, 80%
CMY	0.0549, 0.4078, 0.2000
CMYK	0.00, 0.37, 0.15, 0.05
HSL	325°, 76%, 77%
HSV	325°, 37%, 95%
XYZ	58.2413, 45.1936, 62.7803
YIQ	183.9520, 36.6270, 35.5630

Conversions

Conversions Part 2

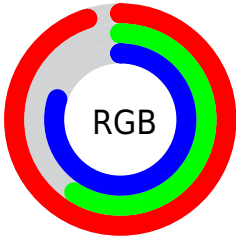
Format	Color
R _Y B	241, 151, 204
Decimal	15833036
CIE _{Lab}	73.02, 40.98, -12.98
CIE _{LCh}	73, 42.989, 342.424
Y _{xy}	45.1936, 0.3504, 0.2719
Android (android.graphics.Color)	4294023116 (0xFFFF197CC)
Y _{UV}	183.9520, 9.8837, 50.0311
Hunter-Lab	67.2262, 36.9974, -8.3106

Details

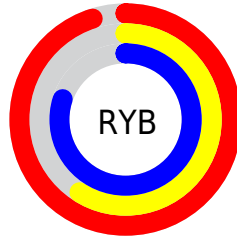
The XYZ color **58.2413, 45.1936, 62.7803** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.2968, 73.1220, 58.8852**, and the grayscale version is **45.4677, 47.8355, 52.0929**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **29.4011, 21.0047, 31.3589** is the 20% darker color. If you saturate the color by 10%, you get **53.6011, 37.7545, 55.5557**, and if you desaturate by 10%, it is **63.7525, 54.2525, 70.6692**.

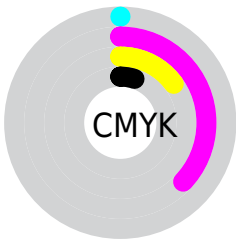
Distribution



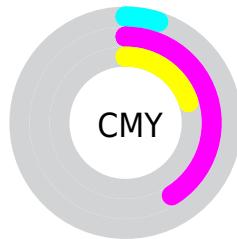
- Red (95%)
- Green (59%)
- Blue (80%)



- Red (95%)
- Yellow (59%)
- Blue (80%)



- Cyan (0%)
- Magenta (37%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (41%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2413, 45.1936, 62.7803 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 58.2413, 45.1936, 62.7803 by changing the saturation by 10% instead.


 58.2413, 45.1936,
62.7803


 58.2413, 45.1936,
62.7803


408.0239,
367.5571, 452.8577

 42.2467, 31.6099,
45.2236

 101.3951, 83.0109,
110.4350

 29.4865, 21.0637,
31.2894


 129.2850,
108.0132, 141.3701

 19.5952, 13.1706,
20.5590


161.8707,
137.5907, 177.6018

 12.2077, 7.5461,
12.6139

199.5176,
172.1275, 219.5486

 6.9585, 3.8059,
7.0357

242.5910,
212.0082, 267.6291

 3.4823, 1.5656,
3.4056

291.4563,

 1.4136, 0.3342,

257.6171, 322.2617

1.3053

346.4788,
309.3386, 383.8651

■ 0.2659, 0.0000,
0.0661

■ 0.0000, 0.0000,
0.0000

■ 58.2413, 45.1936,
62.7803

■ 58.2413, 45.1936,
62.7803

■ 53.6011, 37.7545,
55.5557

■ 63.7525, 54.2525,
70.6692

■ 49.7779, 31.8312,
48.9692

■ 70.1766, 65.0146,
79.2417

■ 46.7176, 27.3173,
42.9960

■ 77.5574, 77.5648,
88.5194

■ 44.3575, 24.0896,
37.6081

■ 85.9347, 91.9806,
98.5219

■ 42.6241, 22.0037,
32.7733

■ 89.8521, 97.3474,
107.4366

■ 41.4217, 20.8705,
28.4521

■ 90.0859, 97.4409,
108.6677

■ 41.1522, 20.6514,
27.3758

Harmonies

Analogous

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



53.4497, 45.1936, 86.4765



58.2413, 45.1936, 62.7803



58.6538, 45.1936, 40.8377

Triad

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



58.2413, 45.1936, 62.7803



39.9233, 45.1936, 18.8661



33.1547, 45.1936, 82.7049

Complementary

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



58.2413, 45.1936, 62.7803



53.2968, 73.1220, 58.8852

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.



30.3419, 45.1936, 58.6507



58.2413, 45.1936, 62.7803



33.9329, 45.1936, 24.5614

Square

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



58.2413, 45.1936, 62.7803



47.4642, 45.1936, 19.3784



30.6091, 45.1936, 37.7482



38.7412, 45.1936, 100.0887

Rectangle

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



58.2413, 45.1936, 62.7803



56.3310, 45.1936, 30.2008



30.6091, 45.1936, 37.7482



31.8844, 45.1936, 74.8745

Sweetspot

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



58.2426, 45.1957, 62.7812



84.9438, 82.6702, 96.6447



47.4393, 39.0513, 88.2570



17.9352, 17.2758, 20.3775



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.



58.2426, 45.1957, 62.7812



62.0180, 44.6346, 64.9067



53.6891, 43.3743, 38.8025



16.1633, 15.9150, 18.4163



22.3844, 11.2262, 15.2068



1.9115, 0.9536, 1.5248

Inverse Universe

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



58.2426, 45.1957, 62.7812



62.0180, 44.6346, 64.9067



58.7848, 75.3172, 87.7843



16.1633, 15.9150, 18.4163



22.3844, 11.2262, 15.2068



1.9115, 0.9536, 1.5248

Previews

White Background



This preview shows how the XYZ color 58.2413, 45.1936, 62.7803 looks on a white background.

Color Contrast Check

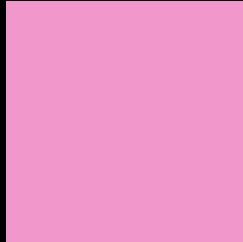
Large Text (above 18pt) WCAG AA × Fail

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 58.2413, 45.1936, 62.7803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

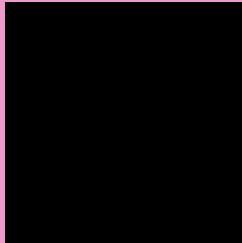
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2413, 45.1936, 62.7803

Background



This preview shows how black text looks on a background with the XYZ color 58.2413, 45.1936, 62.7803.



This preview shows how white text looks on a background with the XYZ color 58.2413, 45.1936,

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

58.2413, 45.1936, 62.7803

Protanopia

45.4674, 45.5497, 75.5028

Deuteranopia

46.4943, 45.5214, 60.9796



Tritanopia

54.1435, 44.9830, 43.3650

Trichromacy



Original Color

58.2413, 45.1936, 62.7803



Protanomaly

48.7741, 44.5137, 70.3113



Deuteranomaly

49.9110, 44.7549, 61.2663



Tritanomaly

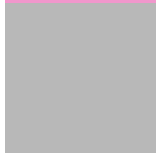
55.4247, 44.9972, 50.0201

Monochromacy



Original Color

58.2413, 45.1936, 62.7803



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.3333, 46.2458, 55.6164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2413, 45.1936, 62.7803 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(241, 151, 204)` looks like.

```
.text, #text, p{  
    color:rgb(241, 151, 204)  
}
```

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(241, 151, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 151, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.2413, 45.1936, 62.7803 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(241, 151, 204) }
```


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

```
.border{ border-color:rgb(241, 151, 204) }
```

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

Here you see how a box with a 4 pixel rgb(241, 151, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 151, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 151, 204);  
box-shadow:4px 4px 4px 4px rgb(241, 151,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2413, 45.1936, 62.7803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 151, 204) }
```

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

```
.background{ background-color: rgb(241,  
151, 204) }
```

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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