

Converting Colors

XYZ(65.1583, 50.5885, 77.9888)

Have a look what the booklet for
XYZ(65.1583, 50.5885, 77.9888)
contains.

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Color

**XYZ(65.3652, 50.7723,
78.3064)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A0E2
RGB	249, 160, 226
RGB Percent	98%, 63%, 89%
CMY	0.0235, 0.3725, 0.1137
CMYK	0.00, 0.36, 0.09, 0.02
HSL	316°, 88%, 80%
HSV	316°, 36%, 98%
XYZ	65.3652, 50.7723, 78.3064
YIQ	194.1350, 31.8580, 39.3940

Conversions

Conversions Part 2

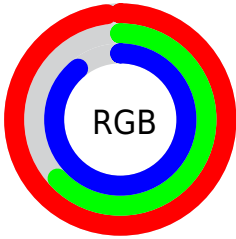
Format	Color
R _Y B	249, 160, 226
Decimal	16359650
CIE Lab	76.54, 42.46, -19.63
CIE LCh	77, 46.777, 335.181
Yxy	50.7723, 0.3362, 0.2611
Android (android.graphics.Color)	4294549730 (0xFFF9A0E2)
YUV	194.1350, 15.7094, 48.1166
Hunter-Lab	71.2547, 39.0506, -15.2794

Details

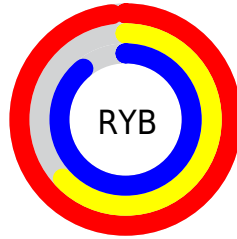
The XYZ color **65.3652, 50.7723, 78.3064** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.9223, 78.6455, 56.9830**, and the grayscale version is **51.2562, 53.9255, 58.7248**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **34.0942, 24.5320, 41.4663** is the 20% darker color. If you saturate the color by 10%, you get **60.6069, 42.6417, 72.4453**, and if you desaturate by 10%, it is **71.0242, 60.6495, 84.6323**.

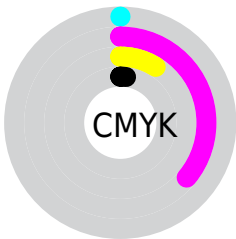
Distribution



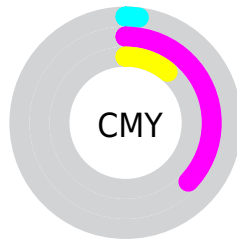
- Red (98%)
- Green (63%)
- Blue (89%)



- Red (98%)
- Yellow (63%)
- Blue (89%)



- Cyan (0%)
- Magenta (36%)
- Yellow (9%)
- Black (2%)





- Cyan (2%)
- Magenta (37%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3652, 50.7723, 78.3064 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 65.3652, 50.7723, 78.3064 by changing the saturation by 10% instead.


 65.3652, 50.7723,
78.3064


 65.3652, 50.7723,
78.3064


433.6277,
389.6785, 508.7622

 48.0231, 36.0274,
57.8078

 111.6375, 91.3181,
132.7718

 34.0565, 24.4554,
41.2404


 141.2984,
117.8878, 167.5756

 23.1001, 15.6718,
28.1859


175.7963,
149.1680, 207.9848

 14.7885, 9.2922,
18.2256

215.4965,
185.5429, 254.4181

 8.7565, 4.9323,
10.9409

260.7644,
227.3970, 307.2940

 4.6385, 2.2076,
5.9135

311.9653,

 2.0693, 0.7241,

275.1147, 367.0309

2.7246

369.4646,
329.0804, 434.0475

■ 0.6725, 0.0000,
0.9558

■ 0.0000, 0.0000,
0.0000

■ 65.3652, 50.7723,
78.3064

■ 65.3652, 50.7723,
78.3064

■ 60.6069, 42.6417,
72.4453

■ 71.0242, 60.6495,
84.6323

■ 56.6923, 36.1469,
67.0266

■ 77.6271, 72.3618,
91.4377

■ 53.5652, 31.1752,
62.0305

■ 85.2199, 85.9998,
98.7400

■ 51.1603, 27.5966,
57.4332

■ 92.3572, 98.6719,
106.0591

■ 49.4013, 25.2591,
53.2075

■ 92.8774, 98.8800,
108.7983

■ 48.1939, 23.9749,
49.3200

■ 47.7872, 23.6279,
47.7466

Harmonies

Analogous

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



58.7150, 50.7723, 105.3063



65.3652, 50.7723, 78.3064



67.2172, 50.7723, 51.0071

Triad

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



65.3652, 50.7723, 78.3064



46.7407, 50.7723, 19.6215



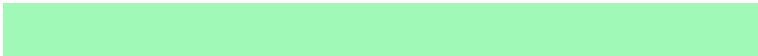
35.6688, 50.7723, 88.2948

Complementary

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



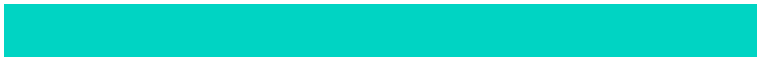
65.3652, 50.7723, 78.3064



56.9223, 78.6455, 56.9830

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.



33.2473, 50.7723, 59.7902



65.3652, 50.7723, 78.3064



39.1219, 50.7723, 24.3039

Square

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



65.3652, 50.7723, 78.3064



55.7405, 50.7723, 21.8528



34.4302, 50.7723, 37.2816



41.4762, 50.7723, 112.1982

Rectangle

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



65.3652, 50.7723, 78.3064



65.3098, 50.7723, 37.0681



34.4302, 50.7723, 37.2816



34.4663, 50.7723, 78.6578

Sweetspot

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



65.3668, 50.7746, 78.3074



85.6000, 82.9327, 100.1003



49.0225, 41.9594, 95.1387



18.0920, 17.3385, 21.2031



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.



65.3668, 50.7746, 78.3074



65.2374, 47.1453, 78.0900



60.1090, 48.6715, 50.6205



17.7902, 17.4434, 20.7510



25.6405, 12.6719, 25.8791



2.4179, 1.1909, 2.6239

Inverse Universe

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



65.3668, 50.7746, 78.3074



65.2374, 47.1453, 78.0900



62.2054, 80.7587, 84.8034



17.7902, 17.4434, 20.7510



25.6405, 12.6719, 25.8791



2.4179, 1.1909, 2.6239

Previews

White Background



This preview shows how the XYZ color 65.3652, 50.7723, 78.3064 looks on a white background.

Color Contrast Check

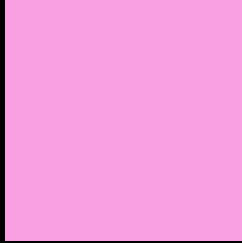
Large Text (above 18pt) WCAG AA × Fail

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 65.3652, 50.7723, 78.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

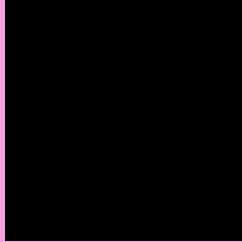
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3652, 50.7723, 78.3064

Background



This preview shows how black text looks on a background with the XYZ color 65.3652, 50.7723, 78.3064.



This preview shows how white text looks on a background with the XYZ color 65.3652, 50.7723,

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

65.3652, 50.7723, 78.3064

Protanopia

51.7073, 51.1319, 93.5304

Deuteranopia

52.2720, 51.1783, 76.2306



Tritanopia

59.8367, 50.9452, 50.3957

Trichromacy



Original Color

65.3652, 50.7723, 78.3064



Protanomaly

55.2422, 50.0348, 87.6350



Deuteranomaly

56.2852, 50.5245, 76.5977



Tritanomaly

61.7203, 50.8965, 59.3943

Monochromacy



Original Color

65.3652, 50.7723, 78.3064



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

55.6001, 52.2083, 65.5393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3652, 50.7723, 78.3064 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(249, 160, 226)` looks like.

```
.text, #text, p{  
    color:rgb(249, 160, 226)  
}
```

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(249, 160, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 160, 226) }
```

Border

The CSS property to change the border of an element to XYZ 65.3652, 50.7723, 78.3064 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(249, 160, 226) }
```


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

```
.border{ border-color:rgb(249, 160, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 160, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 160, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 160, 226);  
box-shadow:4px 4px 4px 4px rgb(249, 160,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3652, 50.7723, 78.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 160, 226) }
```

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

```
.background{ background-color: rgb(249,  
160, 226) }
```

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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