

Converting Colors

XYZ(65.0882, 49.9795, 75.9024)

Have a look what the booklet for
XYZ(65.0882, 49.9795, 75.9024)
contains.

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Color

**XYZ(65.1599, 49.9509,
76.0192)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9DDF
RGB	251, 157, 223
RGB Percent	98%, 62%, 87%
CMY	0.0157, 0.3843, 0.1255
CMYK	0.00, 0.37, 0.11, 0.02
HSL	318°, 92%, 80%
HSV	318°, 37%, 98%
XYZ	65.1599, 49.9509, 76.0192
YIQ	192.6300, 34.8380, 40.4540

Conversions

Conversions Part 2

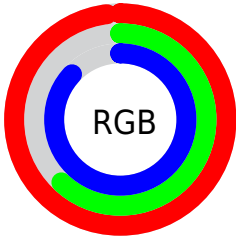
Format	Color
RYB	251, 157, 223
Decimal	16489951
CIELab	76.04, 44.16, -18.74
CIELCh	76, 47.968, 337.006
Yxy	49.9509, 0.3409, 0.2613
Android (android.graphics.Color)	4294680031 (0xFFFB9DDF)
YUV	192.6300, 14.9724, 51.1905
Hunter-Lab	70.6760, 40.8857, -14.2993

Details

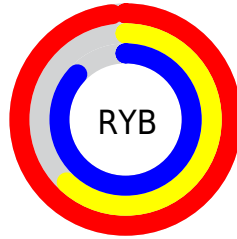
The XYZ color **65.1599, 49.9509, 76.0192** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.1609, 79.6667, 58.2669**, and the grayscale version is **50.3735, 52.9969, 57.7136**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **34.0105, 24.0652, 39.8983** is the 20% darker color. If you saturate the color by 10%, you get **60.3557, 41.9197, 69.5537**, and if you desaturate by 10%, it is **70.8839, 59.7489, 83.0120**.

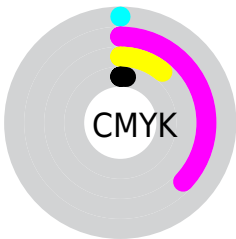
Distribution



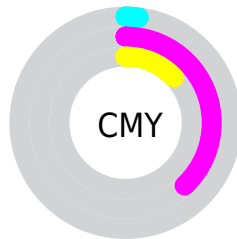
- Red (98%)
- Green (62%)
- Blue (87%)



- Red (98%)
- Yellow (62%)
- Blue (87%)



- Cyan (0%)
- Magenta (37%)
- Yellow (11%)
- Black (2%)





- Cyan (2%)
- Magenta (38%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1599, 49.9509, 76.0192 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 65.1599, 49.9509, 76.0192 by changing the saturation by 10% instead.


 65.1599, 49.9509,
76.0192


 65.1599, 49.9509,
76.0192


432.9025,
386.4739, 500.7620

 47.8559, 35.3744,
55.9415

 111.3441, 90.1021,
129.5144

 33.9236, 23.9514,
39.7523


 140.9551,
116.4456, 163.7689

 22.9975, 15.2976,
27.0332


175.3992,
147.4802, 203.5862

 14.7124, 9.0285,
17.3655

215.0416,
183.5904, 249.3847

 8.7028, 4.7598,
10.3307

260.2478,
225.1604, 301.5830

 4.6034, 2.1070,
5.5103

311.3831,

 2.0488, 0.6686,

272.5747, 360.5996

2.4858

368.8129,
326.2178, 426.8531

■ 0.6612, 0.0000,
0.8326

■ 0.0000, 0.0000,
0.0000

■ 65.1599, 49.9509,
76.0192

■ 65.1599, 49.9509,
76.0192

■ 60.3557, 41.9197,
69.5537

■ 70.8839, 59.7489,
83.0120

■ 56.4124, 35.5408,
63.5915

■ 77.5729, 71.4055,
90.5484

■ 53.2712, 30.6965,
58.1107

■ 85.2744, 85.0143,
98.6474

■ 50.8637, 27.2512,
53.0855

■ 93.2592, 99.1155,
107.0685

■ 49.1094, 25.0448,
48.4862

■ 93.5940, 99.2494,
108.8319

■ 47.9033, 23.8684,
44.2747

■ 47.6433, 23.6531,
43.2484

Harmonies

Analogous

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



58.6150, 49.9509, 104.0470



65.1599, 49.9509, 76.0192



66.7030, 49.9509, 48.5914

Triad

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



65.1599, 49.9509, 76.0192



45.4072, 49.9509, 18.6534



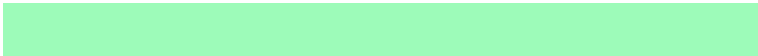
35.0094, 49.9509, 89.8027

Complementary

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



65.1599, 49.9509, 76.0192



57.1609, 79.6667, 58.2669

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.



32.3532, 49.9509, 60.6282



65.1599, 49.9509, 76.0192



37.8474, 49.9509, 23.7442

Square

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



65.1599, 49.9509, 76.0192



54.5269, 49.9509, 20.4478



33.3228, 49.9509, 37.3069



41.0622, 49.9509, 113.5955

Rectangle

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



65.1599, 49.9509, 76.0192



64.5327, 49.9509, 34.9257



33.3228, 49.9509, 37.3069



33.7268, 49.9509, 79.9983

Sweetspot

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



65.1614, 49.9532, 76.0202



85.4290, 82.8643, 99.1999



49.1513, 41.2268, 96.6346



18.0511, 17.3222, 20.9877



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.



65.1614, 49.9532, 76.0202



63.6815, 45.3000, 73.6664



59.8149, 47.8146, 47.8660



17.7598, 17.4313, 20.5910



25.1103, 12.4598, 23.0869



2.3723, 1.1727, 2.3838

Inverse Universe

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



65.1614, 49.9532, 76.0202



63.6815, 45.3000, 73.6664



62.7757, 81.9126, 87.8337



17.7598, 17.4313, 20.5910



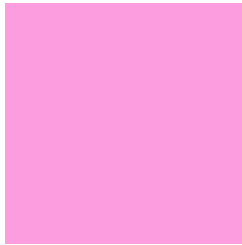
25.1103, 12.4598, 23.0869



2.3723, 1.1727, 2.3838

Previews

White Background



This preview shows how the XYZ color 65.1599, 49.9509, 76.0192 looks on a white background.

Color Contrast Check

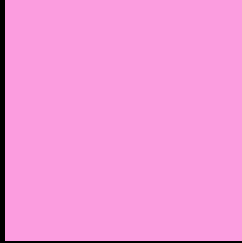
Large Text (above 18pt) WCAG AA × Fail

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 65.1599, 49.9509, 76.0192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

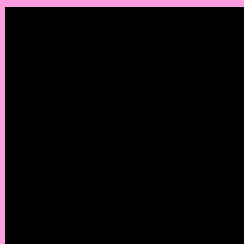
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1599, 49.9509, 76.0192

Background



This preview shows how black text looks on a background with the XYZ color 65.1599, 49.9509, 76.0192.



This preview shows how white text looks on a background with the XYZ color 65.1599, 49.9509,

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

65.1599, 49.9509, 76.0192

Protanopia

50.9701, 50.4731, 91.8499

Deuteranopia

51.3266, 50.1354, 73.3016



Tritanopia

59.6781, 50.0796, 48.6404

Trichromacy



Original Color

65.1599, 49.9509, 76.0192



Protanomaly

54.5577, 49.1336, 85.9651



Deuteranomaly

55.4949, 49.5855, 74.3562



Tritanomaly

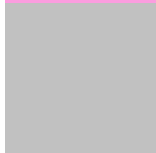
61.5462, 50.0459, 57.4549

Monochromacy



Original Color

65.1599, 49.9509, 76.0192



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.9519, 51.2983, 64.1320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1599, 49.9509, 76.0192 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(251, 157, 223)` looks like.

```
.text, #text, p{  
    color:rgb(251, 157, 223)  
}
```

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(251, 157, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 157, 223) }
```

Border

The CSS property to change the border of an element to XYZ 65.1599, 49.9509, 76.0192 is called "border". The border property can be set on classes, ids or directly on the HTML element.

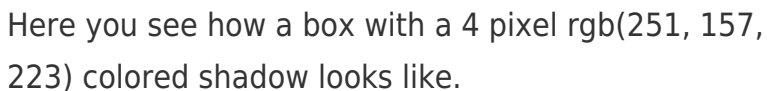
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 157, 223) }
```


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

```
.border{ border-color:rgb(251, 157, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(251, 157, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 157, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 157, 223); box-shadow:4px 4px 4px 4px rgb(251, 157, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1599, 49.9509, 76.0192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 157, 223) }
```

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

```
.background{ background-color: rgb(251,  
157, 223) }
```

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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