

Converting Colors

XYZ(65.4573, 49.1734, 73.2669)

Have a look what the booklet for
XYZ(65.4573, 49.1734, 73.2669)
contains.

XYZ(65.4174, 49.1569, 73.0582)	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(65.4174, 49.1569,
73.0582)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99DB
RGB	255, 153, 219
RGB Percent	100%, 60%, 86%
CMY	0.0000, 0.4000, 0.1412
CMYK	0.00, 0.40, 0.14, 0.00
HSL	321°, 100%, 80%
HSV	321°, 40%, 100%
XYZ	65.4174, 49.1569, 73.0582
YIQ	191.0220, 39.6060, 42.1500

Conversions

Conversions Part 2

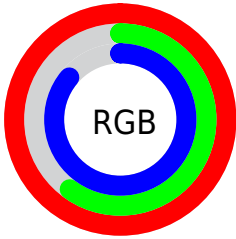
Format	Color
R _Y B	255, 153, 219
Decimal	16751067
CIE Lab	75.55, 46.85, -17.25
CIE LCh	76, 49.924, 339.787
Yxy	49.1569, 0.3486, 0.2620
Android (android.graphics.Color)	4294941147 (0xFFFF99DB)
YUV	191.0220, 13.7932, 56.1087
Hunter-Lab	70.1120, 43.8520, -12.7031

Details

The XYZ color **65.4174, 49.1569, 73.0582** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.0839, 81.9673, 60.9070**, and the grayscale version is **49.4417, 52.0165, 56.6460**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **34.1886, 23.4743, 37.8510** is the 20% darker color. If you saturate the color by 10%, you get **60.5278, 41.2230, 65.7398**, and if you desaturate by 10%, it is **71.2651, 58.9041, 81.0132**.

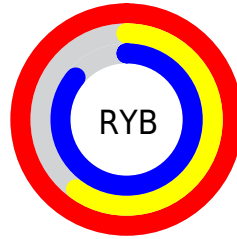
Distribution



Red (100%)

Green (60%)

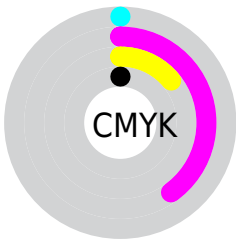
Blue (86%)



Red (100%)

Yellow (60%)

Blue (86%)

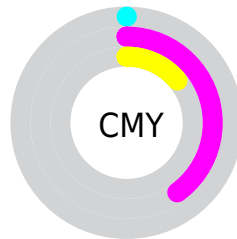


Cyan (0%)

Magenta (40%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4174, 49.1569, 73.0582 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 65.4174, 49.1569, 73.0582 by changing the saturation by 10% instead.

 65.4174, 49.1569,
73.0582


 65.4174, 49.1569,
73.0582


433.8120,
383.3597, 490.2927

 48.0656, 34.7440,
53.5314

 111.7121, 88.9244,
125.2815

 34.0903, 23.4657,
37.8366

 141.3857,
115.0478, 158.8151

 23.1262, 14.9378,
25.5550

175.8973,
145.8435, 197.8548

 14.8079, 8.7757,
16.2683

215.6121,
181.6958, 242.8191

 8.7701, 4.5952,
9.5578

260.8957,
222.9892, 294.1264

 4.6475, 2.0118,
5.0050

312.1133,

 2.0745, 0.6143,

270.1080, 352.1955

2.1914

369.6302,
323.4367, 417.4447

■ 0.6753, 0.0000,
0.6694

■ 0.0000, 0.0000,
0.0000

■ 65.4174, 49.1569,
73.0582

■ 65.4174, 49.1569,
73.0582

■ 60.5278, 41.2230,
65.7398

■ 71.2651, 58.9041,
81.0132

■ 56.5346, 34.9810,
59.0308

■ 78.1206, 70.5632,
89.6246

■ 53.3739, 30.3047,
52.9054

■ 86.0344, 84.2331,
98.9144

■ 50.9713, 27.0471,
47.3337

95.0500, 100.0000,
108.9000

■ 49.2385, 25.0331,
42.2808

■ 48.0315, 23.9767,
37.6933

■ 48.0312, 23.9765,
37.6922

Harmonies

Analogous

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



59.0140, 49.1569, 102.8032



65.4174, 49.1569, 73.0582



66.4667, 49.1569, 45.3460

Triad

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



65.4174, 49.1569, 73.0582



43.7720, 49.1569, 17.4542



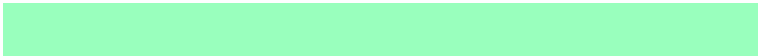
34.3772, 49.1569, 93.0464

Complementary

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



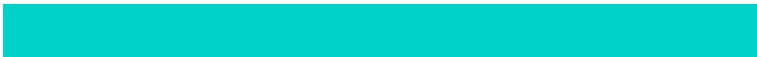
65.4174, 49.1569, 73.0582



58.0839, 81.9673, 60.9070

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.



31.3351, 49.1569, 62.6294



65.4174, 49.1569, 73.0582



36.2679, 49.1569, 23.2141

Square

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



65.4174, 49.1569, 73.0582



53.1209, 49.1569, 18.6104



31.9784, 49.1569, 37.8240



40.8591, 49.1569, 116.7285

Rectangle

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



65.4174, 49.1569, 73.0582



63.8643, 49.1569, 32.0501



31.9784, 49.1569, 37.8240



32.9598, 49.1569, 82.9256

Sweetspot

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



65.4186, 49.1590, 73.0592



84.3628, 81.3304, 96.9989



50.3552, 40.7855, 99.8261



17.8288, 17.0124, 20.4975



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.



65.4186, 49.1590, 73.0592



61.4311, 42.6690, 67.1523



59.7286, 46.8830, 43.0964



18.5045, 18.1851, 21.2736



25.1709, 12.5577, 20.0824



2.5027, 1.2435, 2.2288

Inverse Universe

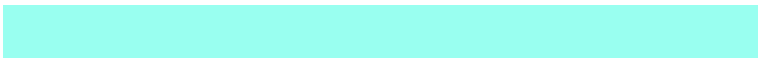
The Inverse Universe completely reimagines the original color for something new.



65.4186, 49.1590, 73.0592



61.4311, 42.6690, 67.1523



64.5818, 84.5664, 95.1245



18.5045, 18.1851, 21.2736



25.1709, 12.5577, 20.0824



2.5027, 1.2435, 2.2288

Previews

White Background



This preview shows how the XYZ color 65.4174, 49.1569, 73.0582 looks on a white background.

Color Contrast Check

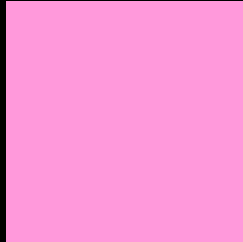
Large Text (above 18pt) WCAG AA × Fail

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 65.4174, 49.1569, 73.0582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

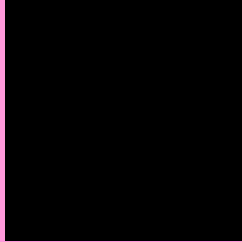
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4174, 49.1569, 73.0582

Background



This preview shows how black text looks on a background with the XYZ color 65.4174, 49.1569, 73.0582.



This preview shows how white text looks on a background with the XYZ color 65.4174, 49.1569,

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

65.4174, 49.1569, 73.0582

Protanopia

50.0309, 49.4025, 90.1178

Deuteranopia

50.6038, 49.5174, 70.5090



Tritanopia

59.9847, 49.2206, 46.3834

Trichromacy



Original Color

65.4174, 49.1569, 73.0582



Protanomaly

54.0087, 48.3269, 83.5723



Deuteranomaly

54.9819, 48.5308, 71.4353



Tritanomaly

61.8373, 49.2094, 54.9544

Monochromacy



Original Color

65.4174, 49.1569, 73.0582



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

53.9963, 49.9575, 62.0552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4174, 49.1569, 73.0582 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(255, 153, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 219)  
}
```

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(255, 153, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 219) }
```

Border

The CSS property to change the border of an element to XYZ 65.4174, 49.1569, 73.0582 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(255, 153, 219) }
```


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

```
.border{ border-color:rgb(255, 153, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4174, 49.1569, 73.0582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 219) }
```

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

```
.background{ background-color: rgb(255,  
153, 219) }
```

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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