

Converting Colors

XYZ(63.6346, 50.0338, 71.0784)

Have a look what the booklet for
XYZ(63.6346, 50.0338, 71.0784)
contains.

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Color

**XYZ(63.6769, 50.0559,
71.2714)**

Conversions

Conversions Part 1

Format	Color
Hex	F8A0D8
RGB	248, 160, 216
RGB Percent	97%, 63%, 85%
CMY	0.0274, 0.3725, 0.1529
CMYK	0.00, 0.35, 0.13, 0.03
HSL	322°, 86%, 80%
HSV	322°, 35%, 97%
XYZ	63.6769, 50.0559, 71.2714
YIQ	192.6960, 34.4720, 36.0720

Conversions

Conversions Part 2

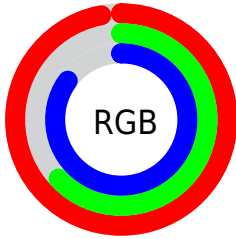
Format	Color
R _Y B	248, 160, 216
Decimal	16294104
CIE Lab	76.10, 40.51, -14.85
CIE LCh	76, 43.146, 339.863
Yxy	50.0559, 0.3442, 0.2706
Android (android.graphics.Color)	4294484184 (0xFFF8A0D8)
YUV	192.6960, 11.4889, 48.5016
Hunter-Lab	70.7502, 36.8415, -10.2016

Details

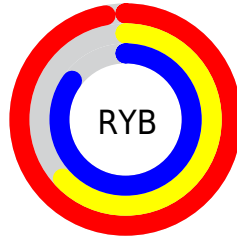
The XYZ color **63.6769, 50.0559, 71.2714** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.5812, 78.4157, 61.9735**, and the grayscale version is **50.4320, 53.0584, 57.7806**.

A 20% lighter version of the original color is **83.8459, 77.5917, 105.1653**, and **32.9259, 24.0357, 36.6222** is the 20% darker color. If you saturate the color by 10%, you get **58.6648, 41.8462, 64.0053**, and if you desaturate by 10%, it is **69.6135, 60.0107, 79.1625**.

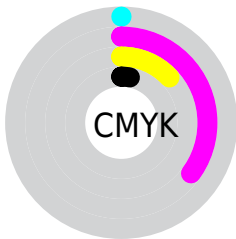
Distribution



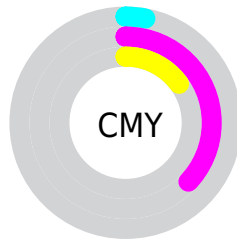
- Red (97%)
- Green (63%)
- Blue (85%)



- Red (97%)
- Yellow (63%)
- Blue (85%)



- Cyan (0%)
- Magenta (35%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (37%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6769, 50.0559, 71.2714 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 63.6769, 50.0559, 71.2714 by changing the saturation by 10% instead.

 63.6769, 50.0559,
71.2714


 63.6769, 50.0559,
71.2714


427.6427,
386.8845, 483.9108

 46.6497, 35.4578,
52.0805


 109.2218, 90.2577,
122.7181

 32.9656, 24.0157,
36.6866


 138.4703,
116.6302, 155.8111

 22.2592, 15.3453,
24.6710


172.5233,
147.6963, 194.3751

 14.1652, 9.0621,
15.6153

211.7460,
183.8404, 238.8288

 8.3181, 4.7817,
9.1010

256.5040,
225.4468, 289.5907

 4.3527, 2.1198,
4.7094

307.1626,

 1.9035, 0.6757,

272.9001, 347.0793

2.0220

364.0870,
326.5845, 411.7132

■ 0.5789, 0.0000,
0.5688

■ 0.0000, 0.0000,
0.0000

■ 63.6769, 50.0559,
71.2714

■ 63.6769, 50.0559,
71.2714

■ 58.6648, 41.8462,
64.0053

■ 69.6135, 60.0107,
79.1625

■ 54.5204, 35.2718,
57.3387

■ 76.5180, 71.7983,
87.6964

■ 51.1875, 30.2211,
51.2481

■ 84.4367, 85.5083,
96.8938

■ 48.6009, 26.5657,
45.7067

■ 92.0545, 98.5097,
106.3210

■ 46.6847, 24.1555,
40.6837

■ 92.5218, 98.6967,
108.7817

■ 45.3455, 22.8054,
36.1425

■ 44.8673, 22.4189,
34.2263

Harmonies

Analogous

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



58.2277, 50.0559, 96.2078



63.6769, 50.0559, 71.2714



64.5540, 50.0559, 47.2413

Triad

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



63.6769, 50.0559, 71.2714



44.9687, 50.0559, 21.4048



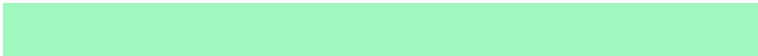
36.6357, 50.0559, 88.2234

Complementary

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



63.6769, 50.0559, 71.2714



57.5812, 78.4157, 61.9735

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.



33.8720, 50.0559, 62.4718



63.6769, 50.0559, 71.2714



38.3107, 50.0559, 27.0199

Square

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



63.6769, 50.0559, 71.2714



53.1191, 50.0559, 22.5280



34.4484, 50.0559, 40.5944



42.4338, 50.0559, 107.7561

Rectangle

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



63.6769, 50.0559, 71.2714



62.3365, 50.0559, 35.2396



34.4484, 50.0559, 40.5944



35.3525, 50.0559, 79.7504

Sweetspot

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



63.6784, 50.0582, 71.2724



85.1462, 82.7511, 97.7106



50.9519, 42.9720, 94.4168



17.9836, 17.2951, 20.6319



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.



63.6784, 50.0582, 71.2724



63.7008, 46.5307, 69.9982



58.8463, 48.1254, 45.8269



17.7095, 17.4112, 20.3261



24.3068, 12.1385, 18.8560



2.3021, 1.1446, 2.0142

Inverse Universe

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



63.6784, 50.0582, 71.2724



63.7008, 46.5307, 69.9982



63.0329, 80.5964, 90.6817



17.7095, 17.4112, 20.3261



24.3068, 12.1385, 18.8560



2.3021, 1.1446, 2.0142

Previews

White Background



This preview shows how the XYZ color 63.6769, 50.0559, 71.2714 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 63.6769, 50.0559, 71.2714 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 63.6769, 50.0559, 71.2714

Background



This preview shows how black text looks on a background with the XYZ color 63.6769, 50.0559, 71.2714.



This preview shows how white text looks on a background with the XYZ color 63.6769, 50.0559,

71.2714.

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

63.6769, 50.0559, 71.2714

Protanopia

50.5417, 50.4054, 84.9073

Deuteranopia

51.3228, 50.2225, 69.2763



Tritanopia

59.3652, 50.1658, 49.7341

Trichromacy



Original Color

63.6769, 50.0559, 71.2714



Protanomaly

54.2159, 49.6868, 79.4061



Deuteranomaly

55.0718, 49.7602, 69.6529



Tritanomaly

60.5573, 49.8137, 56.8754

Monochromacy



Original Color

63.6769, 50.0559, 71.2714



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

54.5071, 51.4109, 62.3088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6769, 50.0559, 71.2714 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(248, 160, 216)` looks like.

```
.text, #text, p{  
    color:rgb(248, 160, 216)  
}
```

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(248, 160, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 160, 216) }
```

Border

The CSS property to change the border of an element to XYZ 63.6769, 50.0559, 71.2714 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(248, 160, 216) }
```


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

```
.border{ border-color:rgb(248, 160, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 160, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 160, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 160, 216);  
box-shadow:4px 4px 4px 4px rgb(248, 160,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6769, 50.0559, 71.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 160, 216) }
```

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

```
.background{ background-color: rgb(248,  
160, 216) }
```

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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