

Converting Colors

XYZ(54.6576, 42.4604, 49.5709)

Have a look what the booklet for
XYZ(54.6576, 42.4604, 49.5709)
contains.

XYZ(54.6576, 42.4604, 49.5709)	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(54.6576, 42.4604,
49.5709)**

Conversions

Conversions Part 1

Format	Color
Hex	F092B6
RGB	240, 146, 182
RGB Percent	94%, 57%, 71%
CMY	0.0588, 0.4274, 0.2863
CMYK	0.00, 0.39, 0.24, 0.06
HSL	337°, 76%, 76%
HSV	337°, 39%, 94%
XYZ	54.6576, 42.4604, 49.5709
YIQ	178.2100, 44.4680, 31.1240

Conversions

Conversions Part 2

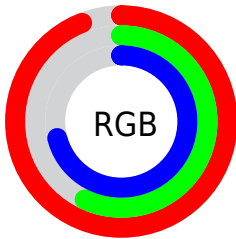
Format	Color
R _Y B	240, 146, 182
Decimal	15766198
CIE Lab	71.19, 39.98, -3.53
CIE LCh	71, 40.139, 354.948
Yxy	42.4604, 0.3726, 0.2895
Android (android.graphics.Color)	4293956278 (0xFFFF092B6)
YUV	178.2100, 1.8685, 54.1898
Hunter-Lab	65.1616, 35.6930, 0.5090

Details

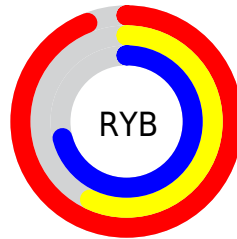
The XYZ color **54.6576, 42.4604, 49.5709** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.9152, 72.7920, 68.3389**, and the grayscale version is **42.4031, 44.6113, 48.5817**.

A 20% lighter version of the original color is **77.5593, 69.2063, 90.1593**, and **27.1682, 19.3588, 23.0736** is the 20% darker color. If you saturate the color by 10%, you get **49.8884, 35.2430, 40.8254**, and if you desaturate by 10%, it is **60.3676, 51.2996, 59.4295**.

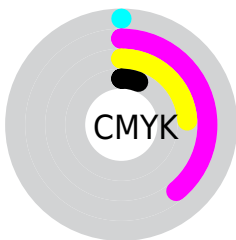
Distribution



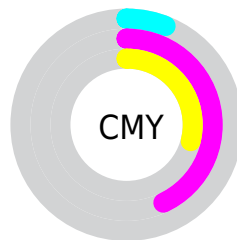
- Red (94%)
- Green (57%)
- Blue (71%)



- Red (94%)
- Yellow (57%)
- Blue (71%)



- Cyan (0%)
- Magenta (39%)
- Yellow (24%)
- Black (6%)




- Cyan (6%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6576, 42.4604, 49.5709 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 54.6576, 42.4604, 49.5709 by changing the saturation by 10% instead.


 54.6576, 42.4604,
49.5709


 54.6576, 42.4604,
49.5709


394.7703,
356.3879, 401.6724

 39.3604, 29.4620,
34.7038


 96.1904, 78.8959,
90.9285

 27.2222, 19.4306,
23.1531


 123.1566,
103.1019, 118.2561

 17.8776, 11.9818,
14.5002


154.7433,
131.8124, 150.5743

 10.9613, 6.7313,
8.3267

191.3158,
165.4119, 188.3015

 6.1079, 3.2946,
4.2139

233.2393,
204.2848, 231.8564

 2.9521, 1.2874,
1.7434

280.8793,

 1.1285, 0.1314,

248.8155, 281.6575

0.3902

334.6012,
299.3884, 338.1233

■ 0.0487, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6576, 42.4604,
49.5709

■ 54.6576, 42.4604,
49.5709

■ 49.8884, 35.2430,
40.8254

■ 60.3676, 51.2996,
59.4295

■ 46.0025, 29.5414,
33.1477

■ 67.0643, 61.8460,
70.4389

■ 42.9412, 25.2463,
26.4928

■ 74.7948, 74.1860,
82.6377

■ 40.6366, 22.2312,
20.8107

■ 83.6022, 88.3985,
96.0621

■ 39.0093, 20.3462,
16.0458

■ 89.7454, 97.2654,
108.6517

■ 37.9394, 19.3618,
12.1272

■ 37.8631, 19.2965,
11.8330

Harmonies

Analogous

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



51.8960, 42.4604, 70.9306



54.6576, 42.4604, 49.5709



53.2543, 42.4604, 32.3045

Triad

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



54.6576, 42.4604, 49.5709



35.1450, 42.4604, 20.1267



33.3768, 42.4604, 83.6598

Complementary

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



54.6576, 42.4604, 49.5709



53.9152, 72.7920, 68.3389

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.



29.7313, 42.4604, 63.6784



54.6576, 42.4604, 49.5709



30.6699, 42.4604, 28.0574

Square

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



54.6576, 42.4604, 49.5709



41.5069, 42.4604, 18.2837



28.7980, 42.4604, 43.0468



39.2292, 42.4604, 93.8052

Rectangle

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



54.6576, 42.4604, 49.5709



50.2189, 42.4604, 24.6937



28.7980, 42.4604, 43.0468



31.8795, 42.4604, 77.6415

Sweetspot

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



54.6588, 42.4624, 49.5717



83.1608, 80.8496, 90.6694



50.9015, 39.6840, 87.4155



17.5460, 16.8993, 19.0086



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.



54.6588, 42.4624, 49.5717



58.2702, 41.9679, 48.7704



53.1764, 44.7054, 33.0229



16.0233, 15.8590, 17.6789



20.7867, 10.5871, 6.7936



1.7764, 0.8996, 0.8132

Inverse Universe

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



54.6588, 42.4624, 49.5717



58.2702, 41.9679, 48.7704



55.6123, 68.4606, 92.7217



16.0233, 15.8590, 17.6789



20.7867, 10.5871, 6.7936



1.7764, 0.8996, 0.8132

Previews

White Background



This preview shows how the XYZ color 54.6576, 42.4604, 49.5709 looks on a white background.

Color Contrast Check

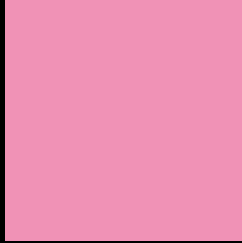
Large Text (above 18pt) WCAG AA × Fail

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 54.6576, 42.4604, 49.5709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

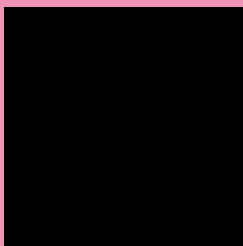
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6576, 42.4604, 49.5709

Background



This preview shows how black text looks on a background with the XYZ color 54.6576, 42.4604, 49.5709.



This preview shows how white text looks on a background with the XYZ color 54.6576, 42.4604,

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

54.6576, 42.4604, 49.5709

Protanopia

42.0470, 42.6686, 60.0526

Deuteranopia

43.4591, 42.5374, 48.0395



Tritanopia

52.5993, 42.5630, 39.1614

Trichromacy



Original Color

54.6576, 42.4604, 49.5709



Protanomaly

45.4878, 41.7804, 56.1190



Deuteranomaly

46.8940, 42.1543, 48.3128



Tritanomaly

53.5055, 42.7102, 42.9600

Monochromacy



Original Color

54.6576, 42.4604, 49.5709



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.8603, 42.9446, 48.5199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6576, 42.4604, 49.5709 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(240, 146, 182)` looks like.

```
.text, #text, p{  
    color:rgb(240, 146, 182)  
}
```

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(240, 146, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 146, 182) }
```

Border

The CSS property to change the border of an element to XYZ 54.6576, 42.4604, 49.5709 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(240, 146, 182) }
```


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

```
.border{ border-color:rgb(240, 146, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 146, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 146, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 146, 182);  
box-shadow:4px 4px 4px 4px rgb(240, 146,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6576, 42.4604, 49.5709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 146, 182) }
```

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

```
.background{ background-color: rgb(240,  
146, 182) }
```

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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