

Converting Colors

XYZ(53.7109, 42.4145, 43.1829)

Have a look what the booklet for
XYZ(53.7109, 42.4145, 43.1829)
contains.

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Color

**XYZ(53.6246, 42.2950,
43.3676)**

Conversions

Conversions Part 1

Format	Color
Hex	F093AA
RGB	240, 147, 170
RGB Percent	94%, 58%, 67%
CMY	0.0588, 0.4235, 0.3333
CMYK	0.00, 0.39, 0.29, 0.06
HSL	345°, 76%, 76%
HSV	345°, 39%, 94%
XYZ	53.6246, 42.2950, 43.3676
YIQ	177.4290, 48.0450, 26.8690

Conversions

Conversions Part 2

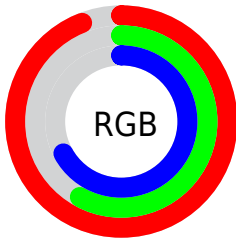
Format	Color
R _Y B	240, 147, 170
Decimal	15766442
CIE Lab	71.07, 37.84, 2.98
CIE LCh	71, 37.953, 4.497
Yxy	42.2950, 0.3850, 0.3037
Android (android.graphics.Color)	4293956522 (0xFFFF093AA)
YUV	177.4290, -3.6625, 54.8748
Hunter-Lab	65.0346, 33.3725, 5.9874

Details

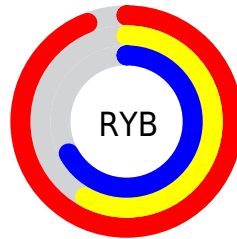
The XYZ color **53.6246, 42.2950, 43.3676** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.7191, 73.5340, 76.9063**, and the grayscale version is **42.0176, 44.2058, 48.1401**.

A 20% lighter version of the original color is **75.9511, 68.9373, 80.5373**, and **26.6536, 19.4375, 19.4866** is the 20% darker color. If you saturate the color by 10%, you get **48.6812, 34.9577, 33.8597**, and if you desaturate by 10%, it is **59.5837, 51.2873, 54.3736**.

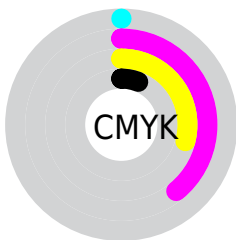
Distribution



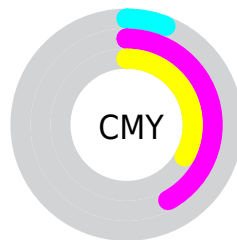
- Red (94%)
- Green (58%)
- Blue (67%)



- Red (94%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (39%)
- Yellow (29%)
- Black (6%)





- Cyan (6%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6246, 42.2950, 43.3676 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 53.6246, 42.2950, 43.3676 by changing the saturation by 10% instead.


 53.6246, 42.2950,
43.3676


 53.6246, 42.2950,
43.3676


390.8986,
355.7044, 376.0869

 38.5311, 29.3324,
29.8401


 94.6830, 78.6459,
81.5576

 26.5742, 19.3324,
19.4662


 121.3785,
102.8029, 107.0572

 17.3886, 11.9107,
11.8274


152.6721,
131.4602, 137.3845

 10.6090, 6.6829,
6.5052

188.9292,
165.0022, 172.9582

 5.8699, 3.2646,
3.0809

230.5150,
203.8132, 214.1967

 2.8060, 1.2714,
1.1361

277.7949,

 1.0520, 0.1189,

248.2776, 261.5187

0.0000

331.1344,
298.7799, 315.3425

0.0000, 0.0000,
0.0000

53.6246, 42.2950,
43.3676

53.6246, 42.2950,
43.3676

48.6812, 34.9577,
33.8597

59.5837, 51.2873,
54.3736

44.6917, 29.1678,
25.7811

66.6084, 62.0211,
66.9373

41.5928, 24.8147,
19.0609

74.7498, 74.5843,
81.1180

39.3117, 21.7704,
13.6209

84.0544, 89.0570,
96.9713

37.7633, 19.8838,
9.3739

89.7453, 97.2653,
108.6517

■ 36.8267, 18.9341,
6.2148

■ 36.7337, 18.8447,
5.8860

Harmonies

Analogous

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



52.2422, 42.2950, 62.7861



53.6246, 42.2950, 43.3676



51.1118, 42.2950, 28.9682

Triad

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



53.6246, 42.2950, 43.3676



33.6812, 42.2950, 22.8481



35.1746, 42.2950, 85.3148

Complementary

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



53.6246, 42.2950, 43.3676



55.7191, 73.5340, 76.9063

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.



30.9637, 42.2950, 68.8003



53.6246, 42.2950, 43.3676



30.1672, 42.2950, 32.5917

Square

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



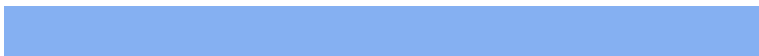
53.6246, 42.2950, 43.3676



39.2515, 42.2950, 19.2713



29.2269, 42.2950, 48.8451



41.1639, 42.2950, 90.3831

Rectangle

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



53.6246, 42.2950, 43.3676



47.7065, 42.2950, 23.0693



29.2269, 42.2950, 48.8451



33.5256, 42.2950, 80.7379

Sweetspot

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



53.6258, 42.2970, 43.3684



82.5640, 80.6109, 87.5268



54.7045, 41.8744, 87.6376



17.4062, 16.8434, 18.2723



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.



53.6258, 42.2970, 43.3684



57.2333, 42.1301, 41.5316



55.6248, 49.4772, 34.2247



15.9331, 15.8229, 17.2038



20.1528, 10.3336, 3.4555



1.7149, 0.8750, 0.4894

Inverse Universe

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



53.6258, 42.2970, 43.3684



57.2333, 42.1301, 41.5316



52.5109, 61.9928, 91.6365



15.9331, 15.8229, 17.2038



20.1528, 10.3336, 3.4555



1.7149, 0.8750, 0.4894

Previews

White Background



This preview shows how the XYZ color 53.6246, 42.2950, 43.3676 looks on a white background.

Color Contrast Check

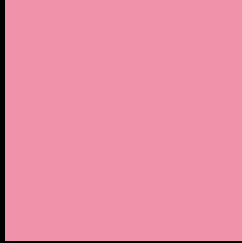
Large Text (above 18pt) WCAG AA × Fail

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 53.6246, 42.2950, 43.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

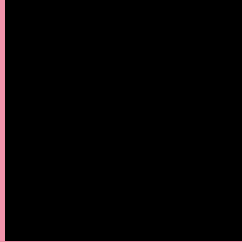
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6246, 42.2950, 43.3676

Background



This preview shows how black text looks on a background with the XYZ color 53.6246, 42.2950, 43.3676.



This preview shows how white text looks on a background with the XYZ color 53.6246, 42.2950,

43.3676.

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

53.6246, 42.2950, 43.3676

Protanopia

41.1561, 42.3886, 51.9116

Deuteranopia

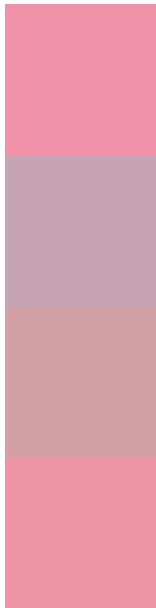
43.1337, 42.2278, 41.9538



Tritanopia

52.6892, 42.3837, 38.6615

Trichromacy



Original Color

53.6246, 42.2950, 43.3676

Protanomaly

44.8024, 41.8520, 48.8969

Deuteranomaly

46.4098, 41.7805, 42.1776

Tritanomaly

52.8873, 42.2109, 40.4820

Monochromacy



Original Color

53.6246, 42.2950, 43.3676

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

45.0956, 42.6078, 45.8917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6246, 42.2950, 43.3676 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, 147, 170)` looks like.

```
.text, #text, p{  
    color:rgb(240, 147, 170)  
}
```

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, 147, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 147, 170) }
```

Border

The CSS property to change the border of an element to XYZ 53.6246, 42.2950, 43.3676 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, 147, 170) }
```


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

```
.border{ border-color:rgb(240, 147, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 147, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 147, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 147, 170);  
box-shadow:4px 4px 4px 4px rgb(240, 147,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6246, 42.2950, 43.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 147, 170) }
```

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

```
.background{ background-color: rgb(240,  
147, 170) }
```

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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