Converting Colors

XYZ(53.1791, 37.5475, 45.1388)

Have a look what the booklet for XYZ(53.1791, 37.5475, 45.1388) contains.

XYZ(53.2048, 37.6097, 45.0126) 3
Conversions 4
Details 6
Harmonies 12
Previews 24
Color Blindness Simulation 28
CSS Examples 31

Color

XYZ(53.2048, 37.6097, 45.0126)

Conversions

Conversions Part 1

Format	Color
Hex	F67EAF
RGB	246, 126, 175
RGB Percent	96%, 49%, 69%
CMY	0.0353, 0.5059, 0.3137
CMYK	0.00, 0.49, 0.29, 0.04
HSL	336°, 87%, 73%
HSV	336°, 49%, 96%
XYZ	53.2048, 37.6097, 45.0126
YIQ	167.4660, 55.7910, 40.6790

Conversions

Conversions Part 2

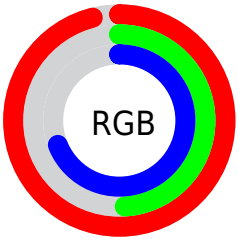
Format	Color
RYB	246, 126, 175
Decimal	16154287
CIELab	67.73, 51.16, -4.62
CIELCh	68, 51.368, 354.836
Yxy	37.6097, 0.3917, 0.2769
Android (android.graphics.Color)	4294344367 (0xFFF67EAF)
YUV	167.4660, 3.7143, 68.8743
Hunter-Lab	61.3267, 47.5381, -0.5889

Details

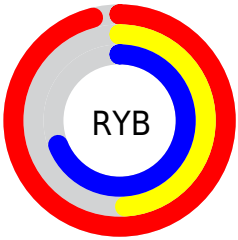
The XYZ color 53.2048, 37.6097, 45.0126 is a light color, and the websafe version is hex FF99CC. A complement of this color would be 51.6399, 74.3795, 64.4623, and the grayscale version is 36.9224, 38.8453, 42.3025.

A 20% lighter version of the original color is 72.0468, 60.0209, 82.6508, and 26.3860, 16.6296, 20.5580 is the 20% darker color. If you saturate the color by 10%, you get 49.0836, 31.5332, 36.9617, and if you desaturate by 10%, it is 58.2555, 45.2982, 54.1344.

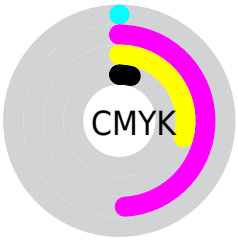
Distribution



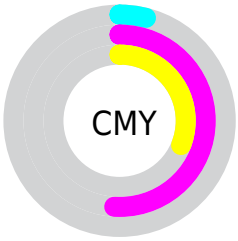
- Red (96%)
- Green (49%)
- Blue (69%)



- Red (96%)
- Yellow (49%)
- Blue (69%)



- Cyan (0%)
- Magenta (49%)
- Yellow (29%)
- Black (4%)



- Cyan (4%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2048, 37.6097, 45.0126 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 53.2048, 37.6097, 45.0126 by changing the saturation by 10% instead.

53.2048, 37.6097, 45.0126

389.3184, 335.9427, 382.9862

94.0694, 71.5095, 84.0580

120.6544, 94.2483, 110.0521

151.8282, 121.3589, 140.9187

187.9563, 153.2257, 177.0762

229.4040, 190.2331, 218.9432

276.5367,

53.2048, 37.6097, 45.0126

38.1944, 25.6799, 31.1243

26.3115, 16.5843, 20.4343

17.1907, 9.9386, 12.5239

10.4667, 5.3583, 6.9747

5.7741, 2.4590, 3.3681

2.7476, 0.8560, 1.2855

1.0217, 0.0000,

232.7655, 266.9381

0.0499

329.7197, 281.2072, 321.4796

0.0000, 0.0000, 0.0000

53.2048, 37.6097, 45.0126

53.2048, 37.6097, 45.0126

49.0836, 31.5332, 36.9617

58.2555, 45.2982, 54.1344

45.8263, 26.9456, 29.9347

64.2890, 54.6985, 64.3668

43.3628, 23.7151, 23.8834

71.3583, 65.9092, 75.7496

41.6100, 21.6840, 18.7535

79.5114, 79.0193, 88.3200

40.4481, 20.6219, 14.4767

88.7932, 94.1123, 102.1133

40.3279, 20.5216, 14.0048

91.8162, 98.3329, 108.7487

Harmonies

Analogous

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

49.7328, 37.6097, 71.6372

53.2048, 37.6097, 45.0126

51.4647, 37.6097, 25.1976

Triad

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

53.2048, 37.6097, 45.0126

29.7116, 37.6097, 12.7115

27.6573, 37.6097, 88.0888

Complementary

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

53.2048, 37.6097, 45.0126

51.6399, 74.3795, 64.4623

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.

23.6073, 37.6097, 62.1914

53.2048, 37.6097, 45.0126

24.6646, 37.6097, 20.5819

Square

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

53.2048, 37.6097, 45.0126

37.1384, 37.6097, 11.0206

22.5985, 37.6097, 37.1406

34.3905, 37.6097, 101.7362

Rectangle

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

53.2048, 37.6097, 45.0126

47.6997, 37.6097, 17.2153

22.5985, 37.6097, 37.1406

25.9789, 37.6097, 80.1504

Sweetspot

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

53.2059, 37.6116, 45.0133

80.6062, 76.6040, 87.1556

46.8621, 33.3135, 91.1494

16.8657, 15.7753, 18.0519

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.

53.2059, 37.6116, 45.0133

53.1269, 34.0241, 39.8337

50.5776, 38.7096, 24.5470

16.7796, 16.5947, 18.5860

21.5909, 10.9798, 7.8199

1.9473, 0.9849, 0.9487

Inverse Universe

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

53.2059, 37.6116, 45.0133

53.1269, 34.0241, 39.8337

55.2356, 71.0815, 97.9980

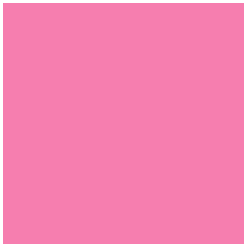
16.7796, 16.5947, 18.5860

21.5909, 10.9798, 7.8199

1.9473, 0.9849, 0.9487

Previews

White Background

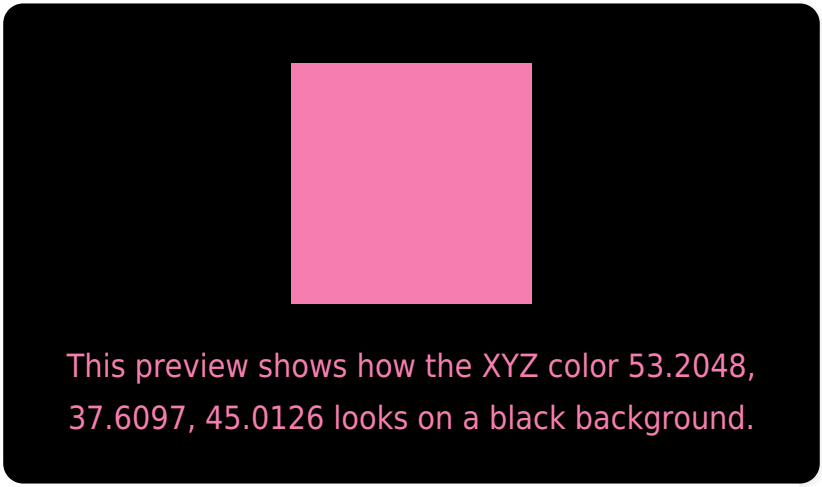


This preview shows how the XYZ color 53.2048, 37.6097, 45.0126 looks on a white background.

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



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 53.2048, 37.6097, 45.0126

Background

This preview shows how black text looks on a background with the XYZ color 53.2048, 37.6097, 45.0126.

This preview shows how white text looks on a background with the XYZ color 53.2048, 37.6097,

45.0126.

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
53.2048, 37.6097, 45.0126

Protanopia
37.6848, 37.9435, 59.3705

Deuteranopia
38.5546, 37.7095, 42.7827

Tritanopia
50.0959, 37.5102, 30.1910

Trichromacy

Original Color
53.2048, 37.6097, 45.0126

Protanomaly
41.4358, 36.4775, 53.5722

Deuteranomaly
42.8424, 36.9575, 43.4035

Tritanomaly
51.1236, 37.5315, 35.1216

Monochromacy

Original Color
53.2048, 37.6097, 45.0126

Achromatopsia
36.7301, 38.6429, 42.0822

Achromatomaly
41.2489, 37.0945, 43.0161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2048, 37.6097, 45.0126 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(246, 126, 175) looks like.

```
.text, #text, p{
    color:rgb(246, 126, 175)
}
```

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(246, 126, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 126, 175) }
```

Border

The CSS property to change the border of an element to XYZ 53.2048, 37.6097, 45.0126 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(246, 126, 175) }
```

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

```
.border{ border-color:rgb(246, 126, 175) }
```

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

Here you see how a box with a 4 pixel rgb(246, 126, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 126, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 126, 175); box-shadow:4px 4px 4px 4px rgb(246, 126, 175) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2048, 37.6097, 45.0126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(246, 126, 175) }
```

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

```
.background{ background-color:rgb(246, 126, 175) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor