

Converting Colors

XYZ(52.8016, 33.6318, 41.1564)

Have a look what the booklet for
XYZ(52.8016, 33.6318, 41.1564)
contains.

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Color

**XYZ(52.8847, 33.6359,
41.2412)**

Conversions

Conversions Part 1

Format	Color
Hex	FE67A9
RGB	254, 103, 169
RGB Percent	100%, 40%, 66%
CMY	0.0039, 0.5960, 0.3373
CMYK	0.00, 0.59, 0.33, 0.00
HSL	334°, 99%, 70%
HSV	334°, 59%, 100%
XYZ	52.8847, 33.6359, 41.2412
YIQ	155.6730, 68.8100, 52.5380

Conversions

Conversions Part 2

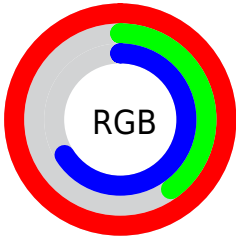
Format	Color
R_{YB}	254, 103, 169
Decimal	16672681
CIE _{Lab}	64.67, 63.52, -5.62
CIE _{LCh}	65, 63.766, 354.948
Yxy	33.6359, 0.4139, 0.2633
Android (android.graphics.Color)	4294862761 (0xFFFE67A9)
YUV	155.6730, 6.5702, 86.2328
Hunter-Lab	57.9965, 61.2733, -1.5635

Details

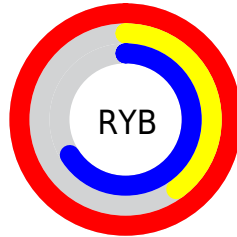
The XYZ color **52.8847, 33.6359, 41.2412** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.1143, 77.3989, 59.8796**, and the grayscale version is **31.4059, 33.0415, 35.9822**.

A 20% lighter version of the original color is **67.2654, 51.7834, 76.9709**, and **26.0312, 14.2777, 18.2135** is the 20% darker color. If you saturate the color by 10%, you get **49.4611, 28.8207, 33.8354**, and if you desaturate by 10%, it is **57.2241, 40.0474, 49.6772**.

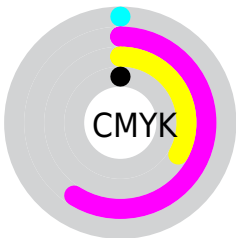
Distribution



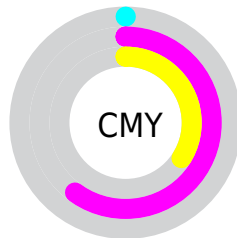
- Red (100%)
- Green (40%)
- Blue (66%)



- Red (100%)
- Yellow (40%)
- Blue (66%)



- Cyan (0%)
- Magenta (59%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8847, 33.6359, 41.2412 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 52.8847, 33.6359, 41.2412 by changing the saturation by 10% instead.


 52.8847, 33.6359,
41.2412


 52.8847, 33.6359,
41.2412

388.1107,
318.5055, 367.0341


 37.9378, 22.6140,
28.1865


 93.6012, 65.3671,
78.3076


 26.1114, 14.3088,
18.2260


 120.1016, 86.8451,
103.1563

 17.0402, 8.3357,
10.9413


 151.1838,
112.5774, 132.7734

 10.3586, 4.3105,
5.9137

 187.2133,
142.9483, 167.5775

 5.7014, 1.8487,
2.7247

228.5554,
178.3421, 207.9871

 2.7033, 0.5173,
0.9558

275.5754,

 0.9989, 0.0000,

219.1433, 254.4207

0.0000

328.6387,
265.7363, 307.2968

■ 0.0000, 0.0000,
0.0000

■ 52.8847, 33.6359,
41.2412

■ 52.8847, 33.6359,
41.2412

■ 49.4611, 28.8207,
33.8354

■ 57.2241, 40.0474,
49.6772

■ 46.8738, 25.4509,
27.4091

■ 62.5438, 48.1776,
59.1862

■ 45.0333, 23.3550,
21.9085

■ 68.9057, 58.1430,
69.8102

■ 43.8022, 22.2669,
17.2619

■ 76.3652, 70.0482,
81.5881

■ 43.7430, 22.2188,
17.0258

■ 84.9740, 83.9900,
94.5566

94.6497, 99.7975,
108.7074

94.6830, 99.8108,
108.8828

Harmonies

Analogous

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



48.6375, 33.6359, 73.8384



52.8847, 33.6359, 41.2412



50.7153, 33.6359, 19.2214

Triad

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



52.8847, 33.6359, 41.2412



25.1105, 33.6359, 7.3068



22.8952, 33.6359, 95.2701

Complementary

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



52.8847, 33.6359, 41.2412



50.1143, 77.3989, 59.8796

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.



18.5275, 33.6359, 62.2428



52.8847, 33.6359, 41.2412



19.6252, 33.6359, 14.6432

Square

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



52.8847, 33.6359, 41.2412



33.5440, 33.6359, 5.8743



17.4557, 33.6359, 32.3645



30.4459, 33.6359, 113.2001

Rectangle

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



52.8847, 33.6359, 41.2412



46.1033, 33.6359, 11.3198



17.4557, 33.6359, 32.3645



21.0677, 33.6359, 84.9781

Sweetspot

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



52.8857, 33.6376, 41.2418



78.2304, 72.5762, 84.1321



43.0033, 27.3038, 96.7696



16.2401, 14.7231, 17.2305



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.



52.8857, 33.6376, 41.2418



49.4418, 28.4534, 33.0576



48.9580, 33.3230, 16.6859



18.3391, 18.1190, 20.4028



23.1329, 11.7425, 9.3503



2.3061, 1.1648, 1.1933

Inverse Universe

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



52.8857, 33.6376, 41.2418



49.4418, 28.4534, 33.0576



56.5768, 76.2257, 105.4970



18.3391, 18.1190, 20.4028



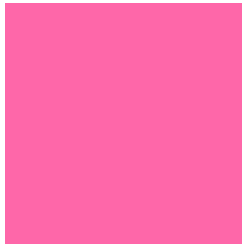
23.1329, 11.7425, 9.3503



2.3061, 1.1648, 1.1933

Previews

White Background



This preview shows how the XYZ color 52.8847, 33.6359, 41.2412 looks on a white background.

Color Contrast Check

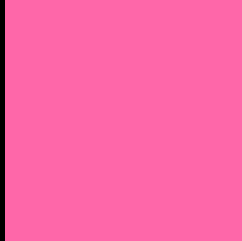
Large Text (above 18pt) WCAG AA × Fail

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 52.8847, 33.6359, 41.2412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

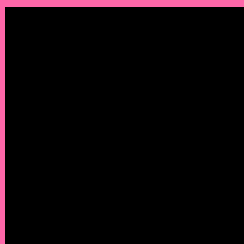
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8847, 33.6359, 41.2412

Background



This preview shows how black text looks on a background with the XYZ color 52.8847, 33.6359, 41.2412.



This preview shows how white text looks on a background with the XYZ color 52.8847, 33.6359,

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

52.8847, 33.6359, 41.2412

Protanopia

34.1779, 33.7742, 61.2176

Deuteranopia

34.2388, 33.5757, 38.3944



Tritanopia

48.7807, 33.5147, 21.9871

Trichromacy



Original Color

52.8847, 33.6359, 41.2412



Protanomaly

38.2157, 31.6842, 53.3917



Deuteranomaly

39.3133, 32.1480, 39.2551



Tritanomaly

49.8397, 33.2815, 27.8419

Monochromacy



Original Color

52.8847, 33.6359, 41.2412



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

37.1169, 31.6710, 37.8751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8847, 33.6359, 41.2412 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(254, 103, 169)` looks like.

```
.text, #text, p{  
    color:rgb(254, 103, 169)  
}
```

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(254, 103, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 103, 169) }
```

Border

The CSS property to change the border of an element to XYZ 52.8847, 33.6359, 41.2412 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(254, 103, 169) }
```


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

```
.border{ border-color:rgb(254, 103, 169) }
```

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

Here you see how a box with a 4 pixel rgb(254, 103, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 103, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 103, 169);  
box-shadow:4px 4px 4px 4px rgb(254, 103,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8847, 33.6359, 41.2412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 103, 169) }
```

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

```
.background{ background-color: rgb(254,  
103, 169) }
```

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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