

Converting Colors

XYZ(52.4936, 32.3090, 41.0057)

Have a look what the booklet for
XYZ(52.4936, 32.3090, 41.0057)
contains.

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Color

**XYZ(52.4936, 32.3090,
41.0057)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5FA9
RGB	255, 95, 169
RGB Percent	100%, 37%, 66%
CMY	0.0000, 0.6274, 0.3373
CMYK	0.00, 0.63, 0.34, 0.00
HSL	332°, 100%, 69%
HSV	332°, 63%, 100%
XYZ	52.4936, 32.3090, 41.0057
YIQ	151.2760, 71.6060, 56.9340

Conversions

Conversions Part 2

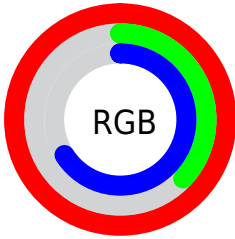
Format	Color
R _Y B	255, 95, 169
Decimal	16736169
CIE Lab	63.60, 67.14, -7.19
CIE LCh	64, 67.520, 353.884
Yxy	32.3090, 0.4173, 0.2568
Android (android.graphics.Color)	4294926249 (0xFFFF5FA9)
YUV	151.2760, 8.7379, 90.9659
Hunter-Lab	56.8410, 65.3759, -2.9837

Details

The XYZ color **52.4936, 32.3090, 41.0057** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **48.8216, 77.2899, 56.0660**, and the grayscale version is **29.4773, 31.0125, 33.7726**.

A 20% lighter version of the original color is **66.0858, 49.4243, 76.5777**, and **25.8510, 13.5376, 18.0801** is the 20% darker color. If you saturate the color by 10%, you get **49.3407, 27.9556, 33.9353**, and if you desaturate by 10%, it is **56.5347, 38.2225, 49.0383**.

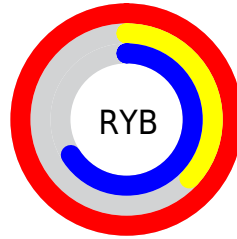
Distribution



Red (100%)

Green (37%)

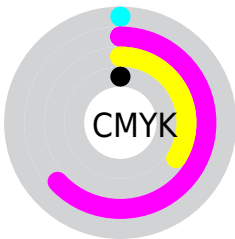
Blue (66%)



Red (100%)

Yellow (37%)

Blue (66%)

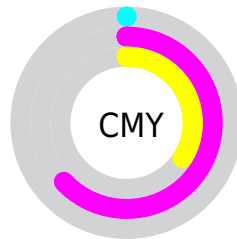


Cyan (0%)

Magenta (63%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4936, 32.3090, 41.0057 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 52.4936, 32.3090, 41.0057 by changing the saturation by 10% instead.


 52.4936, 32.3090,
41.0057


 52.4936, 32.3090,
41.0057

386.6320,
312.5244, 366.0218


 37.6245, 21.5976,
28.0038

 93.0287, 63.2952,
77.9463


 25.8673, 13.5615,
18.0895


 119.4255, 84.3388,
102.7221

 16.8565, 7.8164,
10.8441


 150.3955,
109.5953, 132.2596

 10.2269, 3.9777,
5.8493

 186.3041,
139.4490, 166.9774

 5.6131, 1.6611,
2.6863

227.5167,
174.2844, 207.2939

 2.6497, 0.3983,
0.9365

274.3987,

 0.9713, 0.0000,

214.4858, 253.6278

0.0000

327.3153,
260.4377, 306.3976

■ 0.0000, 0.0000,
0.0000

■ 52.4936, 32.3090,
41.0057

■ 52.4936, 32.3090,
41.0057

■ 49.3407, 27.9556,
33.9353

■ 56.5347, 38.2225,
49.0383

■ 46.9925, 25.0027,
27.7781

■ 61.5314, 45.8251,
58.0744

■ 45.3530, 23.2646,
22.4808

■ 67.5473, 55.2378,
68.1540

■ 44.5059, 22.5663,
19.1279

■ 74.6396, 66.5693,
79.3143

■ 82.8612, 79.9193,
91.5902

92.2611, 95.3809,
105.0148

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



47.8069, 32.3090, 75.5170



52.4936, 32.3090, 41.0057



50.4486, 32.3090, 18.0653

Triad

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



52.4936, 32.3090, 41.0057



23.9373, 32.3090, 5.8572



21.2140, 32.3090, 96.0050

Complementary

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



52.4936, 32.3090, 41.0057



48.8216, 77.2899, 56.0660

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.



16.9351, 32.3090, 60.6689



52.4936, 32.3090, 41.0057



18.2675, 32.3090, 12.5914

Square

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



52.4936, 32.3090, 41.0057



32.6810, 32.3090, 4.6886



15.9790, 32.3090, 29.9322



28.8174, 32.3090, 116.1828

Rectangle

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



52.4936, 32.3090, 41.0057



45.7171, 32.3090, 10.0653



15.9790, 32.3090, 29.9322



19.4073, 32.3090, 84.8447

Sweetspot

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



52.4945, 32.3107, 41.0063



77.5808, 71.3226, 83.7748



41.0442, 25.1500, 97.2988



16.1211, 14.4827, 17.1983



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.



52.4945, 32.3107, 41.0063



48.7431, 27.1721, 32.4665



47.8960, 31.2666, 14.3394



18.3589, 18.1269, 20.5069



23.3289, 11.8208, 10.3822



2.3259, 1.1727, 1.2977

Inverse Universe

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



52.4945, 32.3107, 41.0063



48.7431, 27.1721, 32.4665



56.8525, 77.8178, 106.6316



18.3589, 18.1269, 20.5069



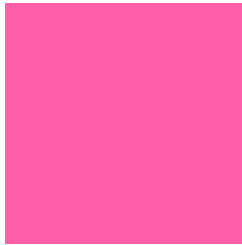
23.3289, 11.8208, 10.3822



2.3259, 1.1727, 1.2977

Previews

White Background



This preview shows how the XYZ color 52.4936, 32.3090, 41.0057 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 52.4936, 32.3090, 41.0057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

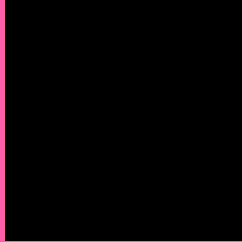
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4936, 32.3090, 41.0057

Background



This preview shows how black text looks on a background with the XYZ color 52.4936, 32.3090, 41.0057.



This preview shows how white text looks on a background with the XYZ color 52.4936, 32.3090,

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

52.4936, 32.3090, 41.0057

Protanopia

33.1382, 32.4504, 63.5485

Deuteranopia

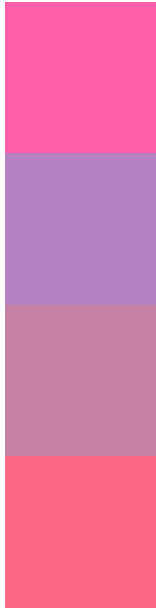
33.0653, 32.4929, 38.2472



Tritanopia

48.0786, 32.2395, 19.6084

Trichromacy



Original Color

52.4936, 32.3090, 41.0057

Protanomaly

36.7980, 29.9066, 54.2852

Deuteranomaly

37.9722, 30.6514, 39.0369

Tritanomaly

49.2982, 32.1172, 26.1552

Monochromacy



Original Color

52.4936, 32.3090, 41.0057

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

35.2741, 29.5200, 36.1865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4936, 32.3090, 41.0057 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(255, 95, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 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(255, 95, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 169) }
```

Border

The CSS property to change the border of an element to XYZ 52.4936, 32.3090, 41.0057 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(255, 95, 169) }
```


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

```
.border{ border-color:rgb(255, 95, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 95, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 95, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 95, 169); box-shadow:4px 4px 4px 4px rgb(255, 95, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4936, 32.3090, 41.0057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 169) }
```

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

```
.background{ background-color: rgb(255, 95,  
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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