

Converting Colors

XYZ(49.7409, 33.0242, 25.8545)

Have a look what the booklet for
XYZ(49.7409, 33.0242, 25.8545)
contains.

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Color

**XYZ(49.6362, 32.9043,
25.9253)**

Conversions

Conversions Part 1

Format	Color
Hex	FC6B85
RGB	252, 107, 133
RGB Percent	99%, 42%, 52%
CMY	0.0118, 0.5804, 0.4784
CMYK	0.00, 0.58, 0.47, 0.01
HSL	349°, 96%, 70%
HSV	349°, 58%, 99%
XYZ	49.6362, 32.9043, 25.9253
YIQ	153.3190, 78.0740, 38.8260

Conversions

Conversions Part 2

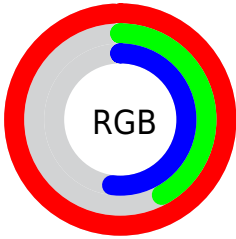
Format	Color
RYB	252, 107, 133
Decimal	16542597
CIELab	64.08, 57.46, 14.11
CIElCh	64, 59.167, 13.801
Yxy	32.9043, 0.4576, 0.3034
Android (android.graphics.Color)	4294732677 (0xFFFC6B85)
YUV	153.3190, -10.0173, 86.5432
Hunter-Lab	57.3623, 54.0740, 13.3570

Details

The XYZ color **49.6362, 32.9043, 25.9253** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.6033, 78.2383, 84.1807**, and the grayscale version is **30.4370, 32.0221, 34.8720**.

A 20% lighter version of the original color is **63.2001, 50.9996, 52.9673**, and **24.1844, 13.9131, 9.7983** is the 20% darker color. If you saturate the color by 10%, you get **46.0900, 27.8781, 18.3741**, and if you desaturate by 10%, it is **54.2307, 39.5771, 35.2145**.

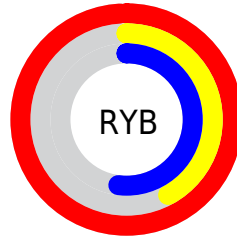
Distribution



Red (99%)

Green (42%)

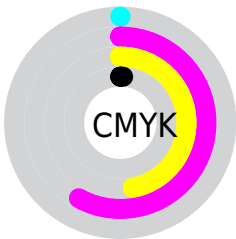
Blue (52%)



Red (99%)

Yellow (42%)

Blue (52%)

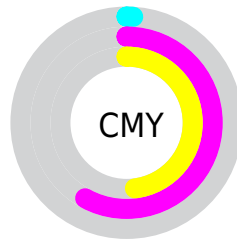


Cyan (0%)

Magenta (58%)

Yellow (47%)

Black (1%)



Cyan (1%)


Magenta (58%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.6362, 32.9043, 25.9253 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 49.6362, 32.9043, 25.9253 by changing the saturation by 10% instead.


 49.6362, 32.9043,
25.9253


 49.6362, 32.9043,
25.9253


375.7171,
315.2183, 296.0090


 35.3410, 22.0531,
16.5425

 88.8307, 64.2261,
54.1370


 24.0934, 13.8960,
9.7504


 114.4607, 85.4655,
73.8030

 15.5281, 8.0483,
5.1303


 144.5997,
110.9365, 97.7338

 9.2795, 4.1259,
2.2639

 179.6131,
141.0234, 126.3480

 4.9825, 1.7442,
0.7109

219.8661,
176.1106, 160.0640

 2.2717, 0.4521,
0.0000

265.7242,

 0.7801, 0.0000,

216.5826, 199.3005

0.0000

317.5528,
262.8237, 244.4760

■ 0.0000, 0.0000,
0.0000

■ 49.6362, 32.9043,
25.9253

■ 49.6362, 32.9043,
25.9253

■ 46.0900, 27.8781,
18.3741

■ 54.2307, 39.5771,
35.2145

■ 43.5045, 24.3495,
12.4489

■ 59.9467, 48.0181,
46.3404

■ 41.7813, 22.1512,
8.0268

■ 66.8534, 58.3434,
59.3961

■ 40.7937, 21.0628,
4.9638

■ 75.0138, 70.6578,
74.4679

■ 40.6218, 20.8862,
4.3907

■ 84.4865, 85.0582,
91.6368

93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



49.3995, 32.9043, 50.2737



49.6362, 32.9043, 25.9253



44.3769, 32.9043, 12.4688

Triad

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



49.6362, 32.9043, 25.9253



21.4118, 32.9043, 11.8063



26.9991, 32.9043, 100.7528

Complementary

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



49.6362, 32.9043, 25.9253



54.6033, 78.2383, 84.1807

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.



21.0441, 32.9043, 78.0958



49.6362, 32.9043, 25.9253



18.2336, 32.9043, 24.4528

Square

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



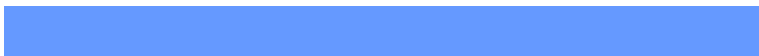
49.6362, 32.9043, 25.9253



27.5930, 32.9043, 7.1306



18.1123, 32.9043, 47.9752



35.2698, 32.9043, 101.7504

Rectangle

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



49.6362, 32.9043, 25.9253



38.9256, 32.9043, 8.3544



18.1123, 32.9043, 47.9752



24.6982, 32.9043, 95.0787

Sweetspot

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



49.6370, 32.9061, 25.9259



77.5378, 73.3088, 77.3722



54.0111, 33.6203, 95.7378



16.2098, 15.1058, 15.8533



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.



49.6370, 32.9061, 25.9259



46.8864, 27.9979, 17.8543



54.1776, 44.5142, 19.6490



17.3716, 17.2760, 18.5468



21.1982, 10.8950, 2.4860



1.9970, 1.0226, 0.4078

Inverse Universe

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



49.6370, 32.9061, 25.9259



46.8864, 27.9979, 17.8543



45.7271, 54.3386, 100.1735



17.3716, 17.2760, 18.5468



21.1982, 10.8950, 2.4860



1.9970, 1.0226, 0.4078

Previews

White Background



This preview shows how the XYZ color 49.6362, 32.9043, 25.9253 looks on a white background.

Color Contrast Check

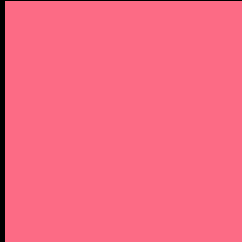
Large Text (above 18pt) WCAG AA × Fail

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 49.6362, 32.9043, 25.9253 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 49.6362, 32.9043, 25.9253

Background



This preview shows how black text looks on a background with the XYZ color 49.6362, 32.9043, 25.9253.



This preview shows how white text looks on a background with the XYZ color 49.6362, 32.9043,

25.9253.

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

49.6362, 32.9043, 25.9253

Protanopia

31.9935, 33.1804, 37.0660

Deuteranopia

33.7283, 33.1428, 24.3582



Tritanopia

48.5705, 32.9454, 20.6288

Trichromacy



Original Color

49.6362, 32.9043, 25.9253

Protanomaly

36.2515, 31.5534, 32.6135

Deuteranomaly

38.2197, 31.9006, 24.9119

Tritanomaly

48.8275, 32.8766, 22.5112

Monochromacy



Original Color

49.6362, 32.9043, 25.9253

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

34.9787, 30.5025, 31.2381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6362, 32.9043, 25.9253 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(252, 107, 133)` looks like.

```
.text, #text, p{  
    color:rgb(252, 107, 133)  
}
```

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(252, 107, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 107, 133) }
```

Border

The CSS property to change the border of an element to XYZ 49.6362, 32.9043, 25.9253 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(252, 107, 133) }
```


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

```
.border{ border-color:rgb(252, 107, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 107, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 107, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 107, 133);  
box-shadow:4px 4px 4px 4px rgb(252, 107,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6362, 32.9043, 25.9253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 107, 133) }
```

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

```
.background{ background-color: rgb(252,  
107, 133) }
```

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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