

Converting Colors

XYZ(50.0744, 32.7052, 25.8451)

Have a look what the booklet for
XYZ(50.0744, 32.7052, 25.8451)
contains.

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Color

**XYZ(50.0570, 32.6649,
25.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	FE6885
RGB	254, 104, 133
RGB Percent	100%, 41%, 52%
CMY	0.0039, 0.5921, 0.4784
CMYK	0.00, 0.59, 0.48, 0.00
HSL	348°, 99%, 70%
HSV	348°, 59%, 100%
XYZ	50.0570, 32.6649, 25.8570
YIQ	152.1560, 80.0910, 40.8190

Conversions

Conversions Part 2

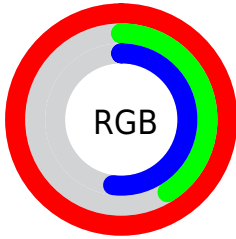
Format	Color
R_{YB}	254, 104, 133
Decimal	16672901
CIE Lab	63.89, 59.43, 13.89
CIE LCh	64, 61.034, 13.152
Yxy	32.6649, 0.4610, 0.3008
Android (android.graphics.Color)	4294862981 (0xFFFE6885)
YUV	152.1560, -9.4439, 89.3172
Hunter-Lab	57.1532, 56.3191, 13.1835

Details

The XYZ color **50.0570, 32.6649, 25.8570** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.7433, 79.2637, 83.6538**, and the grayscale version is **29.9289, 31.4876, 34.2900**.

A 20% lighter version of the original color is **62.6737, 49.9468, 52.7918**, and **24.2768, 13.7233, 9.7568** is the 20% darker color. If you saturate the color by 10%, you get **46.5939, 27.7877, 18.3865**, and if you desaturate by 10%, it is **54.5676, 39.1954, 35.0396**.

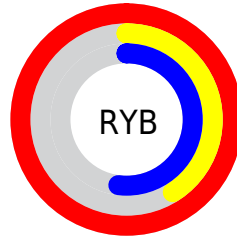
Distribution



Red (100%)

Green (41%)

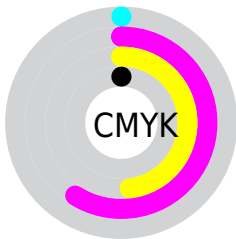
Blue (52%)



Red (100%)

Yellow (41%)

Blue (52%)

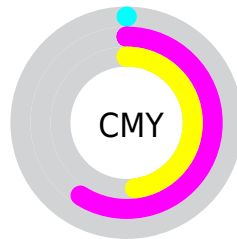


Cyan (0%)

Magenta (59%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (59%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0570, 32.6649, 25.8570 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 50.0570, 32.6649, 25.8570 by changing the saturation by 10% instead.


 50.0570, 32.6649,
25.8570


 50.0570, 32.6649,
25.8570

377.3371,
314.1370, 295.6625

 35.6767, 21.8699,
16.4919


 89.4506, 63.8520,
54.0254


 24.3535, 13.7613,
9.7148


 115.1947, 85.0129,
73.6658

 15.7222, 7.9548,
5.1071


 145.4573,
110.3978, 97.5683

 9.4174, 4.0661,
2.2504

 180.6039,
140.3911, 126.1516

 5.0737, 1.7106,
0.7032

220.9998,
175.3773, 159.8341

 2.3258, 0.4305,
0.0000

267.0104,

 0.8078, 0.0000,

215.7408, 199.0344

0.0000

319.0011,
261.8659, 244.1710

■ 0.0000, 0.0000,
0.0000

■ 50.0570, 32.6649,
25.8570

■ 50.0570, 32.6649,
25.8570

■ 46.5939, 27.7877,
18.3865

■ 54.5676, 39.1954,
35.0396

■ 44.0882, 24.4091,
12.5176

■ 60.2007, 47.5051,
46.0315

■ 42.4381, 22.3540,
8.1288

■ 67.0271, 57.7139,
58.9245

■ 41.4975, 21.3624,
5.0727

■ 75.1111, 69.9296,
73.8036

■ 41.4293, 21.2933,
4.8428

■ 84.5122, 84.2518,
90.7486

94.6829, 99.8108,
108.8828

Harmonies

Analogous

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



49.6790, 32.6649, 51.1053



50.0570, 32.6649, 25.8570



44.7154, 32.6649, 12.0401

Triad

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



50.0570, 32.6649, 25.8570



21.0695, 32.6649, 11.0227



26.5038, 32.6649, 102.7202

Complementary

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



50.0570, 32.6649, 25.8570



54.7433, 79.2637, 83.6538

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.



20.4934, 32.6649, 78.6926



50.0570, 32.6649, 25.8570



17.7756, 32.6649, 23.5477

Square

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



50.0570, 32.6649, 25.8570



27.4402, 32.6649, 6.5352



17.5862, 32.6649, 47.4453



34.9568, 32.6649, 104.3292

Rectangle

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



50.0570, 32.6649, 25.8570



39.1156, 32.6649, 7.8625



17.5862, 32.6649, 47.4453



24.1721, 32.6649, 96.6248

Sweetspot

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



50.0578, 32.6667, 25.8576



76.7162, 71.9705, 76.1588



53.5815, 32.9057, 97.2930



15.8749, 14.5770, 15.3070



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.



50.0578, 32.6667, 25.8576



46.4428, 27.2538, 17.2653



54.1205, 43.5673, 18.6559



18.1528, 18.0444, 19.4220



21.8822, 11.2422, 2.7642



2.1665, 1.1090, 0.4581

Inverse Universe

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



50.0578, 32.6667, 25.8576



46.4428, 27.2538, 17.2653



46.4004, 55.7014, 102.0716



18.1528, 18.0444, 19.4220



21.8822, 11.2422, 2.7642



2.1665, 1.1090, 0.4581

Previews

White Background



This preview shows how the XYZ color 50.0570, 32.6649, 25.8570 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 50.0570, 32.6649, 25.8570 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 50.0570, 32.6649, 25.8570

Background



This preview shows how black text looks on a background with the XYZ color 50.0570, 32.6649, 25.8570.



This preview shows how white text looks on a background with the XYZ color 50.0570, 32.6649,

25.8570.

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

50.0570, 32.6649, 25.8570

Protanopia

31.8054, 32.8174, 37.9158

Deuteranopia

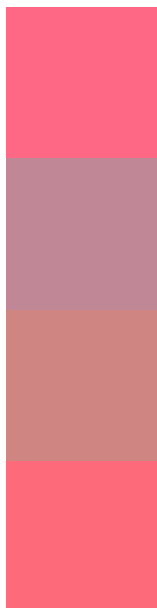
33.3357, 32.7045, 24.2943



Tritanopia

48.8030, 32.6129, 19.6423

Trichromacy



Original Color

50.0570, 32.6649, 25.8570

Protanomaly

36.0474, 31.0168, 32.9411

Deuteranomaly

38.0821, 31.6254, 24.8661

Tritanomaly

49.1132, 32.5712, 21.7875

Monochromacy



Original Color

50.0570, 32.6649, 25.8570

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

34.7611, 30.1911, 30.7834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0570, 32.6649, 25.8570 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, 104, 133)` looks like.

```
.text, #text, p{  
    color:rgb(254, 104, 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(254, 104, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 104, 133) }
```

Border

The CSS property to change the border of an element to XYZ 50.0570, 32.6649, 25.8570 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, 104, 133) }
```


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

```
.border{ border-color:rgb(254, 104, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 104, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 104, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 104, 133);  
box-shadow:4px 4px 4px 4px rgb(254, 104,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0570, 32.6649, 25.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 104, 133) }
```

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

```
.background{ background-color: rgb(254,  
104, 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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