

Converting Colors

XYZ(50.6478, 33.4532, 25.4823)

Have a look what the booklet for
XYZ(50.6478, 33.4532, 25.4823)
contains.

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Color

**XYZ(50.6626, 33.4413,
25.6144)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6B84
RGB	255, 107, 132
RGB Percent	100%, 42%, 52%
CMY	0.0000, 0.5804, 0.4823
CMYK	0.00, 0.58, 0.48, 0.00
HSL	350°, 100%, 71%
HSV	350°, 58%, 100%
XYZ	50.6626, 33.4413, 25.6144
YIQ	154.1020, 80.1830, 39.1510

Conversions

Conversions Part 2

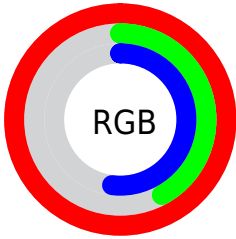
Format	Color
RYB	255, 107, 132
Decimal	16739204
CIELab	64.52, 58.35, 15.36
CIELCh	65, 60.335, 14.747
Yxy	33.4413, 0.4618, 0.3048
Android (android.graphics.Color)	4294929284 (0xFFFF6B84)
YUV	154.1020, -10.8963, 88.4875
Hunter-Lab	57.8285, 55.1813, 14.2181

Details

The XYZ color **50.6626, 33.4413, 25.6144** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.1084, 80.3599, 87.4223**, and the grayscale version is **30.7828, 32.3859, 35.2683**.

A 20% lighter version of the original color is **63.0941, 50.9572, 52.4092**, and **24.6520, 14.1586, 9.6172** is the 20% darker color. If you saturate the color by 10%, you get **47.0790, 28.3642, 17.9768**, and if you desaturate by 10%, it is **55.3262, 40.2071, 35.0660**.

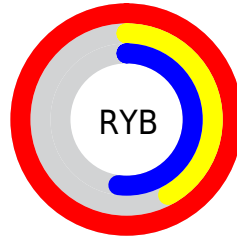
Distribution



Red (100%)

Green (42%)

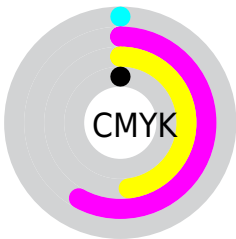
Blue (52%)



Red (100%)

Yellow (42%)

Blue (52%)

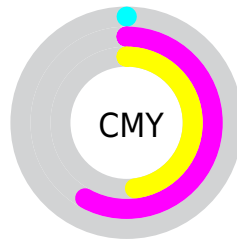


Cyan (0%)

Magenta (58%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6626, 33.4413, 25.6144 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 50.6626, 33.4413, 25.6144 by changing the saturation by 10% instead.


 50.6626, 33.4413,
25.6144


 50.6626, 33.4413,
25.6144


379.6608,
317.6336, 294.4290

 36.1601, 22.4647,
16.3122


 90.3418, 65.0639,
53.6286


 24.7286, 14.1988,
9.5886


 116.2492, 86.4787,
73.1778

 16.0026, 8.2590,
5.0250


 146.6890,
112.1417, 96.9797

 9.6168, 4.2611,
2.2030

 182.0265,
142.4373, 125.4528

 5.2060, 1.8207,
0.6761

222.6271,
177.7499, 159.0158

 2.4046, 0.5000,
0.0000

268.8561,

 0.8474, 0.0000,

218.4639, 198.0871

0.0000

321.0789,
264.9637, 243.0854

■ 0.0000, 0.0000,
0.0000

■ 50.6626, 33.4413,
25.6144

■ 50.6626, 33.4413,
25.6144

■ 47.0790, 28.3642,
17.9768

■ 55.3262, 40.2071,
35.0660

■ 44.4836, 24.8208,
12.0332

■ 61.1461, 48.7877,
46.4373

■ 42.7735, 22.6370,
7.6512

■ 68.1948, 59.3036,
59.8277

■ 41.8120, 21.5758,
4.6741

■ 76.5377, 71.8631,
75.3295

■ 41.6772, 21.4349,
4.2323

■ 86.2358, 86.5668,
93.0289

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.



50.6109, 33.4413, 50.3847



50.6626, 33.4413, 25.6144



45.0722, 33.4413, 12.1727

Triad

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



50.6626, 33.4413, 25.6144



21.4848, 33.4413, 12.0304



27.6202, 33.4413, 104.1068

Complementary

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



50.6626, 33.4413, 25.6144



56.1084, 80.3599, 87.4223

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.



21.4052, 33.4413, 81.1034



50.6626, 33.4413, 25.6144



18.3240, 33.4413, 25.2954

Square

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



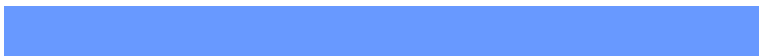
50.6626, 33.4413, 25.6144



27.7491, 33.4413, 7.0931



18.2978, 33.4413, 49.8835



36.1943, 33.4413, 104.3256

Rectangle

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



50.6626, 33.4413, 25.6144



39.3946, 33.4413, 8.1399



18.2978, 33.4413, 49.8835



25.2243, 33.4413, 98.4419

Sweetspot

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



50.6635, 33.4431, 25.6150



77.4784, 73.2851, 77.0596



55.2617, 34.2096, 98.2982



16.1959, 15.1003, 15.7804



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.



50.6635, 33.4431, 25.6150



46.4942, 27.5521, 16.6796



55.4288, 45.3908, 19.7521



18.1345, 18.0371, 19.3255



21.8136, 11.2147, 2.4028



2.1572, 1.1052, 0.4092

Inverse Universe

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



50.6635, 33.4431, 25.6150



46.4942, 27.5521, 16.6796



46.7034, 55.5244, 102.8634



18.1345, 18.0371, 19.3255



21.8136, 11.2147, 2.4028



2.1572, 1.1052, 0.4092

Previews

White Background



This preview shows how the XYZ color 50.6626, 33.4413, 25.6144 looks on a white background.

Color Contrast Check

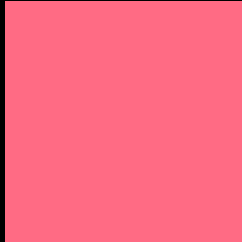
Large Text (above 18pt) WCAG AA × Fail

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 50.6626, 33.4413, 25.6144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

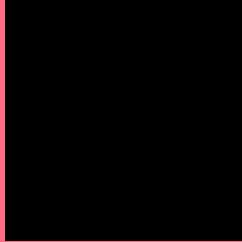
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6626, 33.4413, 25.6144

Background



This preview shows how black text looks on a background with the XYZ color 50.6626, 33.4413, 25.6144.



This preview shows how white text looks on a background with the XYZ color 50.6626, 33.4413,

25.6144.

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

50.6626, 33.4413, 25.6144

Protanopia

32.2723, 33.5822, 36.6794

Deuteranopia

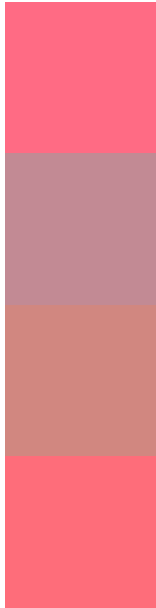
34.2967, 33.6812, 24.0955



Tritanopia

49.6599, 33.5070, 20.6798

Trichromacy



Original Color

50.6626, 33.4413, 25.6144

Protanomaly

36.6819, 31.7844, 32.2186

Deuteranomaly

38.8548, 32.4418, 24.6361

Tritanomaly

49.8545, 33.4132, 22.2341

Monochromacy



Original Color

50.6626, 33.4413, 25.6144

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

35.6198, 31.0430, 31.3087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6626, 33.4413, 25.6144 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, 107, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 132)  
}
```

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, 107, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 132) }
```

Border

The CSS property to change the border of an element to XYZ 50.6626, 33.4413, 25.6144 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, 107, 132) }
```


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

```
.border{ border-color:rgb(255, 107, 132) }
```

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

Here you see how a box with a 4 pixel rgb(255, 107, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6626, 33.4413, 25.6144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 132) }
```

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

```
.background{ background-color: rgb(255,  
107, 132) }
```

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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