

Converting Colors

XYZ(50.2759, 32.4765, 26.0756)

Have a look what the booklet for
XYZ(50.2759, 32.4765, 26.0756)
contains.

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Color

**XYZ(50.2944, 32.4840,
26.1735)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6686
RGB	255, 102, 134
RGB Percent	100%, 40%, 53%
CMY	0.0000, 0.6000, 0.4745
CMYK	0.00, 0.60, 0.47, 0.00
HSL	347°, 100%, 70%
HSV	347°, 60%, 100%
XYZ	50.2944, 32.4840, 26.1735
YIQ	151.3950, 80.9160, 42.3880

Conversions

Conversions Part 2

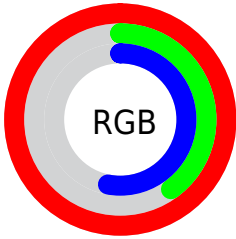
Format	Color
R_{YB}	255, 102, 134
Decimal	16737926
CIE _{Lab}	63.74, 60.71, 13.13
CIE _{LCh}	64, 62.111, 12.203
Yxy	32.4840, 0.4616, 0.2981
Android (android.graphics.Color)	4294928006 (0xFFFF6686)
YUV	151.3950, -8.5757, 90.8616
Hunter-Lab	56.9947, 57.7746, 12.6688

Details

The XYZ color **50.2944, 32.4840, 26.1735** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.5608, 79.6731, 82.3206**, and the grayscale version is **29.5974, 31.1388, 33.9101**.

A 20% lighter version of the original color is **62.6078, 49.6441, 53.2962**, and **24.4600, 13.6493, 9.9397** is the 20% darker color. If you saturate the color by 10%, you get **46.8873, 27.7104, 18.7472**, and if you desaturate by 10%, it is **54.7419, 38.9093, 35.2705**.

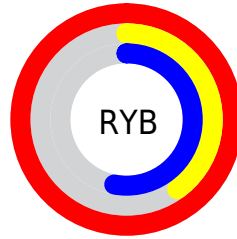
Distribution



Red (100%)

Green (40%)

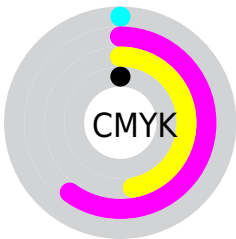
Blue (53%)



Red (100%)

Yellow (40%)

Blue (53%)

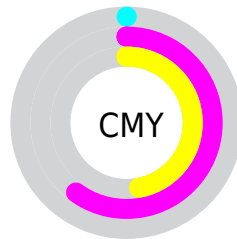


Cyan (0%)

Magenta (60%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2944, 32.4840, 26.1735 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 50.2944, 32.4840, 26.1735 by changing the saturation by 10% instead.


 50.2944, 32.4840,
26.1735

 50.2944, 32.4840,
26.1735

378.2491,
313.3182, 297.2653


 35.8661, 21.7315,
16.7266


 89.8001, 63.5691,
54.5422


 24.5005, 13.6597,
9.8798


 115.6083, 84.6704,
74.3011

 15.8320, 7.8844,
5.2148


 145.9405,
109.9901, 98.3343

 9.4955, 4.0210,
2.3129

 181.1621,
139.9126, 127.0605

 5.1254, 1.6853,
0.7384

221.6383,
174.8222, 160.8982

 2.3565, 0.4141,
0.0000

267.7347,

 0.8234, 0.0000,

215.1035, 200.2658

0.0000

319.8165,
261.1406, 245.5820

■ 0.0000, 0.0000,
0.0000

■ 50.2944, 32.4840,
26.1735

■ 50.2944, 32.4840,
26.1735

■ 46.8873, 27.7104,
18.7472

■ 54.7419, 38.9093,
35.2705

■ 44.4294, 24.4305,
12.8850

■ 60.3054, 47.1146,
46.1320

■ 42.8176, 22.4648,
8.4696

■ 67.0560, 57.2215,
58.8468

■ 41.8901, 21.5202,
5.3540

■ 75.0585, 69.3395,
73.4969

■ 41.8898, 21.5199,
5.3531

■ 84.3724, 83.5696,
90.1593

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



49.7114, 32.4840, 52.1368



50.2944, 32.4840, 26.1735



45.0077, 32.4840, 11.9517

Triad

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



50.2944, 32.4840, 26.1735



20.9408, 32.4840, 10.4178



26.0367, 32.4840, 103.4598

Complementary

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



50.2944, 32.4840, 26.1735



54.5608, 79.6731, 82.3206

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.



20.0619, 32.4840, 78.3326



50.2944, 32.4840, 26.1735



17.5229, 32.4840, 22.6483

Square

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



50.2944, 32.4840, 26.1735



27.4704, 32.4840, 6.1598



17.2347, 32.4840, 46.5009



34.5501, 32.4840, 105.9558

Rectangle

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



50.2944, 32.4840, 26.1735



39.3568, 32.4840, 7.6538



17.2347, 32.4840, 46.5009



23.7089, 32.4840, 96.9783

Sweetspot

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



50.2952, 32.4858, 26.1741



76.8115, 72.0086, 76.6602



52.8810, 32.2308, 98.0413



15.8977, 14.5861, 15.4273



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.



50.2952, 32.4858, 26.1741



46.3219, 26.9388, 17.4508



53.8185, 42.5794, 17.9549



18.1647, 18.0492, 19.4846



21.9317, 11.2620, 3.0246



2.1729, 1.1115, 0.4921

Inverse Universe

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



50.2952, 32.4858, 26.1741



46.3219, 26.9388, 17.4508



46.9871, 56.9586, 103.1249



18.1647, 18.0492, 19.4846



21.9317, 11.2620, 3.0246



2.1729, 1.1115, 0.4921

Previews

White Background



This preview shows how the XYZ color 50.2944, 32.4840, 26.1735 looks on a white background.

Color Contrast Check

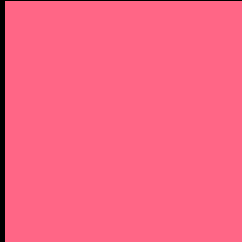
Large Text (above 18pt) WCAG AA × Fail

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 50.2944, 32.4840, 26.1735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

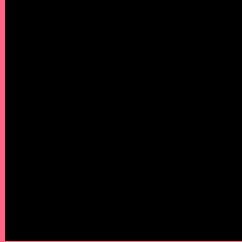
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2944, 32.4840, 26.1735

Background



This preview shows how black text looks on a background with the XYZ color 50.2944, 32.4840, 26.1735.



This preview shows how white text looks on a background with the XYZ color 50.2944, 32.4840,

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

50.2944, 32.4840, 26.1735

Protanopia

31.5948, 32.6884, 38.8267

Deuteranopia

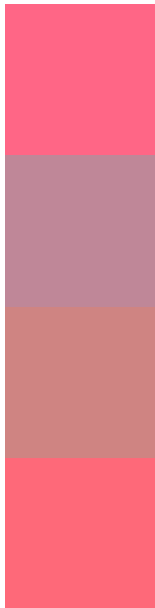
33.1686, 32.6109, 24.6250



Tritanopia

49.0077, 32.5712, 19.3267

Trichromacy



Original Color

50.2944, 32.4840, 26.1735

Protanomaly

35.8173, 30.6713, 33.7381

Deuteranomaly

38.0127, 31.3796, 25.1725

Tritanomaly

49.3758, 32.5545, 21.7704

Monochromacy



Original Color

50.2944, 32.4840, 26.1735

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

34.4846, 29.6382, 30.6913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2944, 32.4840, 26.1735 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, 102, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 134)  
}
```

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, 102, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 134) }
```

Border

The CSS property to change the border of an element to XYZ 50.2944, 32.4840, 26.1735 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, 102, 134) }
```


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

```
.border{ border-color:rgb(255, 102, 134) }
```

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

Here you see how a box with a 4 pixel rgb(255, 102, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2944, 32.4840, 26.1735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 134) }
```

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

```
.background{ background-color: rgb(255,  
102, 134) }
```

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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