

Converting Colors

XYZ(50.2227, 32.2995, 26.2770)

Have a look what the booklet for
XYZ(50.2227, 32.2995, 26.2770)
contains.

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Color

**XYZ(50.1968, 32.2886,
26.1409)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6586
RGB	255, 101, 134
RGB Percent	100%, 40%, 53%
CMY	0.0000, 0.6039, 0.4745
CMYK	0.00, 0.60, 0.47, 0.00
HSL	347°, 100%, 70%
HSV	347°, 60%, 100%
XYZ	50.1968, 32.2886, 26.1409
YIQ	150.8080, 81.1910, 42.9110

Conversions

Conversions Part 2

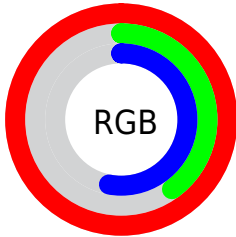
Format	Color
R _Y B	255, 101, 134
Decimal	16737670
CIE Lab	63.58, 61.14, 12.90
CIE LCh	64, 62.483, 11.919
Yxy	32.2886, 0.4621, 0.2972
Android (android.graphics.Color)	4294927750 (0xFFFF6586)
YUV	150.8080, -8.2863, 91.3764
Hunter-Lab	56.8231, 58.2444, 12.5003

Details

The XYZ color **50.1968, 32.2886, 26.1409** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.3137, 79.5615, 81.6073**, and the grayscale version is **29.3447, 30.8729, 33.6206**.

A 20% lighter version of the original color is **62.4365, 49.3016, 53.2391**, and **24.3908, 13.5109, 9.9167** is the 20% darker color. If you saturate the color by 10%, you get **46.8259, 27.5756, 18.7634**, and if you desaturate by 10%, it is **54.6019, 38.6466, 35.1699**.

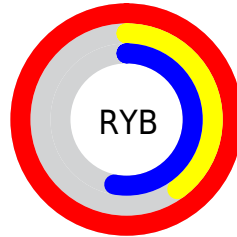
Distribution



Red (100%)

Green (40%)

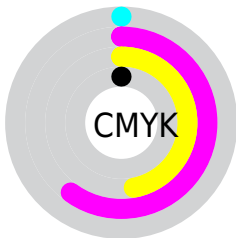
Blue (53%)



Red (100%)

Yellow (40%)

Blue (53%)

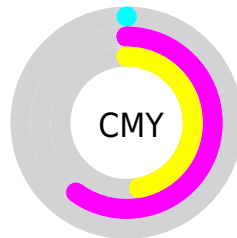


Cyan (0%)

Magenta (60%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1968, 32.2886, 26.1409 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 50.1968, 32.2886, 26.1409 by changing the saturation by 10% instead.


 50.1968, 32.2886,
26.1409

 50.1968, 32.2886,
26.1409

377.8743,
312.4318, 297.1005

 35.7882, 21.5820,
16.7024


 89.6565, 63.2632,
54.4890


 24.4400, 13.5501,
9.8628


 115.4383, 84.3001,
74.2357

 15.7869, 7.8084,
5.2037


 145.7419,
109.5492, 98.2555

 9.4633, 3.9726,
2.3064

 180.9327,
139.3949, 126.9670

 5.1041, 1.6583,
0.7348

221.3759,
174.2216, 160.7887

 2.3439, 0.3964,
0.0000

267.4371,

 0.8170, 0.0000,

214.4138, 200.1392

0.0000

319.4814,
260.3557, 245.4369

■ 0.0000, 0.0000,
0.0000

■ 50.1968, 32.2886,
26.1409

■ 50.1968, 32.2886,
26.1409

■ 46.8259, 27.5756,
18.7634

■ 54.6019, 38.6466,
35.1699

■ 44.3980, 24.3488,
12.9323

■ 60.1169, 46.7783,
45.9429

■ 42.8095, 22.4274,
8.5318

■ 66.8129, 56.8058,
58.5475

■ 41.9207, 21.5323,
5.5150

■ 74.7545, 68.8387,
73.0645

■ 84.0014, 82.9784,
89.5701

94.6095, 99.3193,
108.1359

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



49.5519, 32.2886, 52.2695



50.1968, 32.2886, 26.1409



44.9361, 32.2886, 11.8412

Triad

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



50.1968, 32.2886, 26.1409



20.7934, 32.2886, 10.1604



25.7731, 32.2886, 103.4327

Complementary

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



50.1968, 32.2886, 26.1409



54.3137, 79.5615, 81.6073

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.



19.8254, 32.2886, 77.9970



50.1968, 32.2886, 26.1409



17.3481, 32.2886, 22.2577

Square

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



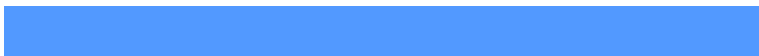
50.1968, 32.2886, 26.1409



27.3544, 32.2886, 5.9917



17.0310, 32.2886, 46.0386



34.2849, 32.2886, 106.2007

Rectangle

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



50.1968, 32.2886, 26.1409



39.2799, 32.2886, 7.5264



17.0310, 32.2886, 46.0386



23.4526, 32.2886, 96.8391

Sweetspot

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



50.1976, 32.2904, 26.1415



76.8425, 72.0210, 76.8235



52.7171, 32.0012, 98.0060



15.9051, 14.5891, 15.4665



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.



50.1976, 32.2904, 26.1415



46.3734, 26.9594, 17.7221



53.6598, 42.3406, 17.6586



18.1686, 18.0508, 19.5050



21.9486, 11.2687, 3.1137



2.1751, 1.1124, 0.5035

Inverse Universe

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



50.1976, 32.2904, 26.1415



46.3734, 26.9594, 17.7221



46.8039, 56.7594, 103.0964



18.1686, 18.0508, 19.5050



21.9486, 11.2687, 3.1137



2.1751, 1.1124, 0.5035

Previews

White Background



This preview shows how the XYZ color 50.1968, 32.2886, 26.1409 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 50.1968, 32.2886, 26.1409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

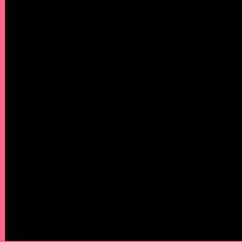
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1968, 32.2886, 26.1409

Background



This preview shows how black text looks on a background with the XYZ color 50.1968, 32.2886, 26.1409.



This preview shows how white text looks on a background with the XYZ color 50.1968, 32.2886,

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

50.1968, 32.2886, 26.1409

Protanopia

31.4304, 32.3597, 38.7719

Deuteranopia

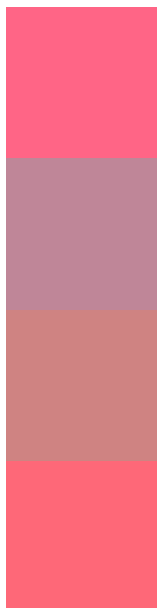
33.0111, 32.2958, 24.5725



Tritanopia

48.8493, 32.3438, 18.9976

Trichromacy



Original Color

50.1968, 32.2886, 26.1409

Protanomaly

35.6785, 30.3936, 33.6918

Deuteranomaly

37.8777, 31.1097, 25.1275

Tritanomaly

49.2135, 32.3275, 21.4153

Monochromacy



Original Color

50.1968, 32.2886, 26.1409

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 50.1968, 32.2886, 26.1409 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, 101, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 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, 101, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 134) }
```

Border

The CSS property to change the border of an element to XYZ 50.1968, 32.2886, 26.1409 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, 101, 134) }
```


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

```
.border{ border-color:rgb(255, 101, 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, 101, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 101, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 101, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 101,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1968, 32.2886, 26.1409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 101, 134) }
```

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

```
.background{ background-color: rgb(255,  
101, 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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