

Converting Colors

XYZ(50.4116, 32.5321, 26.8137)

Have a look what the booklet for
XYZ(50.4116, 32.5321, 26.8137)
contains.

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Color

**XYZ(50.4353, 32.5403,
26.9152)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6688
RGB	255, 102, 136
RGB Percent	100%, 40%, 53%
CMY	0.0000, 0.6000, 0.4667
CMYK	0.00, 0.60, 0.47, 0.00
HSL	347°, 100%, 70%
HSV	347°, 60%, 100%
XYZ	50.4353, 32.5403, 26.9152
YIQ	151.6230, 80.2740, 43.0100

Conversions

Conversions Part 2

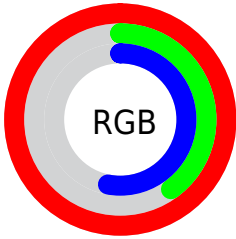
Format	Color
R _Y B	255, 102, 136
Decimal	16737928
CIE Lab	63.79, 60.89, 12.04
CIE LCh	64, 62.066, 11.190
Yxy	32.5403, 0.4590, 0.2961
Android (android.graphics.Color)	4294928008 (0xFFFF6688)
YUV	151.6230, -7.7021, 90.6616
Hunter-Lab	57.0441, 57.9928, 11.9560

Details

The XYZ color **50.4353, 32.5403, 26.9152** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.2927, 79.5660, 80.9085**, and the grayscale version is **29.6918, 31.2381, 34.0183**.

A 20% lighter version of the original color is **62.8234, 49.7304, 54.4319**, and **24.5406, 13.6815, 10.3642** is the 20% darker color. If you saturate the color by 10%, you get **47.0216, 27.7641, 19.4544**, and if you desaturate by 10%, it is **54.8820, 38.9652, 36.0077**.

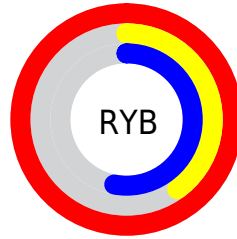
Distribution



Red (100%)

Green (40%)

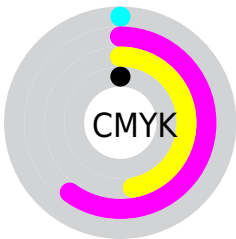
Blue (53%)



Red (100%)

Yellow (40%)

Blue (53%)

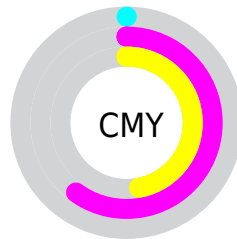


Cyan (0%)

Magenta (60%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (60%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4353, 32.5403, 26.9152 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 50.4353, 32.5403, 26.9152 by changing the saturation by 10% instead.


 50.4353, 32.5403,
26.9152


 50.4353, 32.5403,
26.9152

378.7897,
313.5732, 300.9935


 35.9786, 21.7745,
17.2777


 90.0075, 63.6572,
55.7498


 24.5877, 13.6913,
10.2686


 115.8537, 84.7770,
75.7840

 15.8972, 7.9063,
5.4695


 146.2271,
110.1170, 100.1209

 9.5419, 4.0350,
2.4618

 181.4930,
140.0616, 129.1789

 5.1562, 1.6932,
0.8198

222.0169,
174.9951, 163.3766

 2.3749, 0.4192,
0.0000

268.1641,

 0.8326, 0.0000,

215.3019, 203.1326

0.0000

320.2999,
261.3665, 248.8654

■ 0.0000, 0.0000,
0.0000

■ 50.4353, 32.5403,
26.9152

■ 50.4353, 32.5403,
26.9152

■ 47.0216, 27.7641,
19.4544

■ 54.8820, 38.9652,
36.0077

■ 44.5508, 24.4791,
13.5235

■ 60.4364, 47.1669,
46.8218

■ 42.9204, 22.5059,
9.0104

■ 67.1692, 57.2666,
59.4423

■ 41.9701, 21.5522,
5.7749

■ 75.1441, 69.3736,
73.9479

■ 41.9699, 21.5519,
5.7739

■ 84.4206, 83.5887,
90.4128

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.



49.6416, 32.5403, 53.2521



50.4353, 32.5403, 26.9152



45.3187, 32.5403, 12.3030

Triad

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



50.4353, 32.5403, 26.9152



21.1596, 32.5403, 10.2082



25.8375, 32.5403, 102.9746

Complementary

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



50.4353, 32.5403, 26.9152



54.2927, 79.5660, 80.9085

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.



19.9612, 32.5403, 77.3269



50.4353, 32.5403, 26.9152



17.6313, 32.5403, 22.1084

Square

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



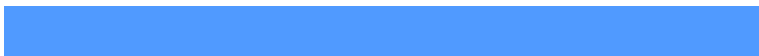
50.4353, 32.5403, 26.9152



27.7914, 32.5403, 6.1359



17.2383, 32.5403, 45.5763



34.2934, 32.5403, 106.3706

Rectangle

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



50.4353, 32.5403, 26.9152



39.7204, 32.5403, 7.8330



17.2383, 32.5403, 45.5763



23.5404, 32.5403, 96.2534

Sweetspot

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



50.4361, 32.5421, 26.9158



76.8905, 72.0402, 77.0764



52.1066, 31.8314, 98.0053



15.9167, 14.5937, 15.5271



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.



50.4361, 32.5421, 26.9158



46.4541, 26.9917, 18.1470



53.4321, 41.8063, 17.8260



18.1746, 18.0531, 19.5365



21.9756, 11.2795, 3.2559



2.1785, 1.1138, 0.5215

Inverse Universe

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



50.4361, 32.5421, 26.9158



46.4541, 26.9917, 18.1470



47.6282, 58.2408, 103.3389



18.1746, 18.0531, 19.5365



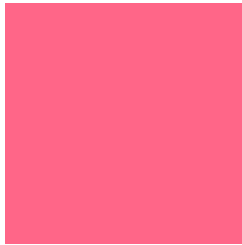
21.9756, 11.2795, 3.2559



2.1785, 1.1138, 0.5215

Previews

White Background



This preview shows how the XYZ color 50.4353, 32.5403, 26.9152 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 50.4353, 32.5403, 26.9152 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 50.4353, 32.5403, 26.9152

Background



This preview shows how black text looks on a background with the XYZ color 50.4353, 32.5403, 26.9152.



This preview shows how white text looks on a background with the XYZ color 50.4353, 32.5403,

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

50.4353, 32.5403, 26.9152

Protanopia

31.7740, 32.7601, 39.7706

Deuteranopia

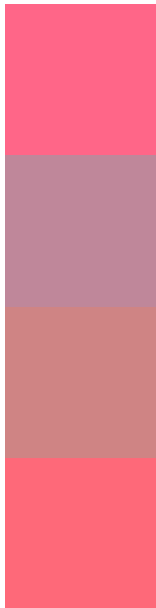
33.3003, 32.6636, 25.3185



Tritanopia

48.6427, 32.3830, 19.3096

Trichromacy



Original Color

50.4353, 32.5403, 26.9152

Protanomaly

35.9826, 30.7374, 34.6083

Deuteranomaly

38.1482, 31.4339, 25.8865

Tritanomaly

49.3758, 32.5545, 21.7704

Monochromacy



Original Color

50.4353, 32.5403, 26.9152

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

34.6997, 29.9443, 31.1451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4353, 32.5403, 26.9152 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 136) }
```

Border

The CSS property to change the border of an element to XYZ 50.4353, 32.5403, 26.9152 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, 136) }
```


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

```
.border{ border-color:rgb(255, 102, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4353, 32.5403, 26.9152 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, 136) }
```

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

```
.background{ background-color: rgb(255,  
102, 136) }
```

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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