

Converting Colors

XYZ(64.4515, 41.7183, 33.6135)

Have a look what the booklet for
XYZ(64.4515, 41.7183, 33.6135)
contains.

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Color

**XYZ(52.8758, 35.7235,
32.9626)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7396
RGB	255, 115, 150
RGB Percent	100%, 45%, 59%
CMY	0.0000, 0.5490, 0.4118
CMYK	0.00, 0.55, 0.41, 0.00
HSL	345°, 100%, 73%
HSV	345°, 55%, 100%
XYZ	52.8758, 35.7235, 32.9626
YIQ	160.8500, 72.2050, 40.5650

Conversions

Conversions Part 2

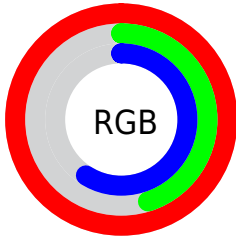
Format	Color
R_{YB}	255, 115, 150
Decimal	16741270
CIE Lab	66.31, 56.45, 7.62
CIE LCh	66, 56.957, 7.687
Yxy	35.7235, 0.4350, 0.2939
Android (android.graphics.Color)	4294931350 (0xFFFF7396)
YUV	160.8500, -5.3490, 82.5696
Hunter-Lab	59.7691, 53.3171, 9.1400

Details

The XYZ color **52.8758, 35.7235, 32.9626** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.7506, 80.3331, 80.2828**, and the grayscale version is **33.8085, 35.5692, 38.7348**.

A 20% lighter version of the original color is **66.7020, 54.7455, 64.1781**, and **26.0642, 15.4981, 13.4221** is the 20% darker color. If you saturate the color by 10%, you get **48.9431, 30.1249, 24.6634**, and if you desaturate by 10%, it is **57.8659, 43.0344, 42.8551**.

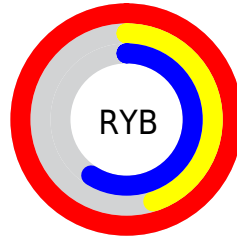
Distribution



Red (100%)

Green (45%)

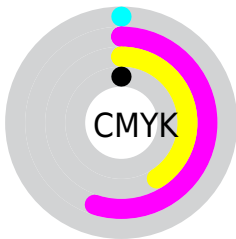
Blue (59%)



Red (100%)

Yellow (45%)

Blue (59%)

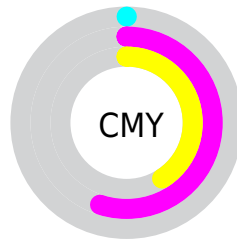


Cyan (0%)

Magenta (55%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8758, 35.7235, 32.9626 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 52.8758, 35.7235, 32.9626 by changing the saturation by 10% instead.


 52.8758, 35.7235,
32.9626

 52.8758, 35.7235,
32.9626

388.0771,
327.7504, 330.1080


 37.9307, 24.2207,
21.8269


 93.5882, 68.6051,
65.4325

 26.1059, 15.4974,
13.5327


 120.0862, 90.7527,
87.6037

 17.0360, 9.1692,
7.6613


 151.1659,
117.2173, 114.2906

 10.3556, 4.8517,
3.7944

187.1926,
148.3835, 145.9116

 5.6994, 2.1605,
1.5132

228.5318,
184.6354, 182.8853

 2.7021, 0.6983,
0.2278

275.5487,

 0.9983, 0.0000,

226.3576, 225.6303

0.0000

328.6086,
273.9345, 274.5650

■ 0.0000, 0.0000,
0.0000

■ 52.8758, 35.7235,
32.9626

■ 52.8758, 35.7235,
32.9626

■ 48.9431, 30.1249,
24.6634

■ 57.8659, 43.0344,
42.8551

■ 45.9845, 26.0920,
17.8686

■ 63.9821, 52.1772,
54.4189

■ 43.9086, 23.4626,
12.4830

■ 71.2907, 63.2672,
67.7289

■ 42.6032, 22.0357,
8.3979

■ 79.8518, 76.4087,
82.8548

■ 42.1580, 21.6272,
6.7643

■ 89.7215, 91.6984,
99.8626

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.



51.4413, 35.7235, 59.5260



52.8758, 35.7235, 32.9626



48.6095, 35.7235, 16.7154

Triad

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



52.8758, 35.7235, 32.9626



24.9057, 35.7235, 12.3591



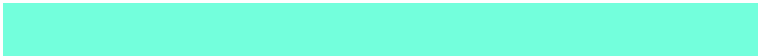
28.1160, 35.7235, 100.3041

Complementary

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



52.8758, 35.7235, 32.9626



55.7506, 80.3331, 80.2828

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.



22.5872, 35.7235, 75.1292



52.8758, 35.7235, 32.9626



20.9610, 35.7235, 23.6870

Square

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



52.8758, 35.7235, 32.9626



31.8134, 35.7235, 8.4964



20.1894, 35.7235, 45.5037



36.1888, 35.7235, 106.2200

Rectangle

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



52.8758, 35.7235, 32.9626



43.4675, 35.7235, 11.2231



20.1894, 35.7235, 45.5037



25.9412, 35.7235, 93.4234

Sweetspot

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



52.8767, 35.7254, 32.9632



78.8459, 74.8579, 81.0980



53.6975, 34.6993, 98.4752



16.4828, 15.4171, 16.6685



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.



52.8767, 35.7254, 32.9632



48.5710, 29.6067, 23.8430



55.2423, 44.3127, 21.8637



18.1956, 18.0615, 19.6471



22.0783, 11.3206, 3.7967



2.1912, 1.1188, 0.5881

Inverse Universe

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



52.8767, 35.7254, 32.9632



48.5710, 29.6067, 23.8430



50.7150, 62.0529, 103.9122



18.1956, 18.0615, 19.6471



22.0783, 11.3206, 3.7967



2.1912, 1.1188, 0.5881

Previews

White Background



This preview shows how the XYZ color 52.8758, 35.7235, 32.9626 looks on a white background.

Color Contrast Check

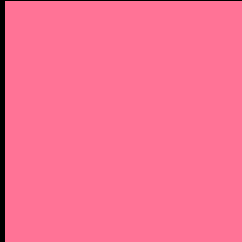
Large Text (above 18pt) WCAG AA × Fail

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 52.8758, 35.7235, 32.9626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

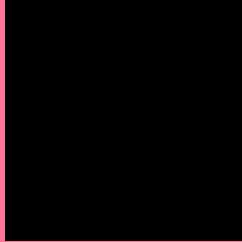
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8758, 35.7235, 32.9626

Background



This preview shows how black text looks on a background with the XYZ color 52.8758, 35.7235, 32.9626.



This preview shows how white text looks on a background with the XYZ color 52.8758, 35.7235,

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

52.8758, 35.7235, 32.9626

Protanopia

35.0785, 36.0979, 46.1931

Deuteranopia

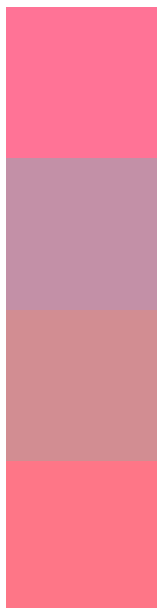
36.6897, 35.9809, 31.3968



Tritanopia

50.9356, 35.6086, 24.2672

Trichromacy



Original Color

52.8758, 35.7235, 32.9626

Protanomaly

39.4540, 34.3386, 41.1078

Deuteranomaly

41.2915, 34.8267, 31.7401

Tritanomaly

51.7247, 35.7770, 27.1011

Monochromacy



Original Color

52.8758, 35.7235, 32.9626

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

38.5647, 33.9829, 36.4251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8758, 35.7235, 32.9626 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, 115, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 150)  
}
```

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, 115, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 150) }
```

Border

The CSS property to change the border of an element to XYZ 52.8758, 35.7235, 32.9626 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, 115, 150) }
```


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

```
.border{ border-color:rgb(255, 115, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 115, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8758, 35.7235, 32.9626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 150) }
```

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

```
.background{ background-color: rgb(255,  
115, 150) }
```

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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