

Converting Colors

XYZ(50.9181, 32.6487, 29.7187)

Have a look what the booklet for
XYZ(50.9181, 32.6487, 29.7187)
contains.

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Color

**XYZ(50.8516, 32.5505,
29.5893)**

Conversions

Conversions Part 1

Format	Color
Hex	FF658F
RGB	255, 101, 143
RGB Percent	100%, 40%, 56%
CMY	0.0000, 0.6039, 0.4392
CMYK	0.00, 0.60, 0.44, 0.00
HSL	344°, 100%, 70%
HSV	344°, 60%, 100%
XYZ	50.8516, 32.5505, 29.5893
YIQ	151.8340, 78.3020, 45.7100

Conversions

Conversions Part 2

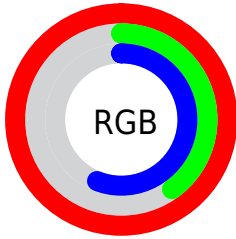
Format	Color
R_{YB}	255, 101, 143
Decimal	16737679
CIE _{Lab}	63.80, 61.96, 8.03
CIE _{LCh}	64, 62.479, 7.387
Yxy	32.5505, 0.4500, 0.2881
Android (android.graphics.Color)	4294927759 (0xFFFF658F)
YUV	151.8340, -4.3552, 90.4766
Hunter-Lab	57.0530, 59.2549, 9.1877

Details

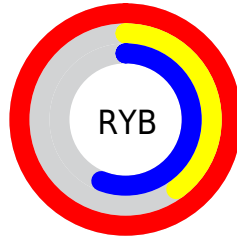
The XYZ color **50.8516, 32.5505, 29.5893** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **53.1390, 79.0916, 75.4216**, and the grayscale version is **29.7693, 31.3196, 34.1071**.

A 20% lighter version of the original color is **63.5449, 49.7449, 59.0759**, and **24.7269, 13.6454, 11.6865** is the 20% darker color. If you saturate the color by 10%, you get **47.4576, 27.8282, 22.0899**, and if you desaturate by 10%, it is **55.2474, 38.9047, 38.5692**.

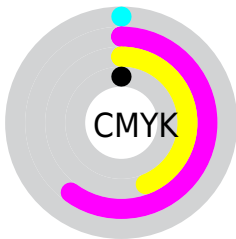
Distribution



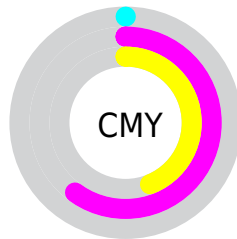
- Red (100%)
- Green (40%)
- Blue (56%)



- Red (100%)
- Yellow (40%)
- Blue (56%)



- Cyan (0%)
- Magenta (60%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8516, 32.5505, 29.5893 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 50.8516, 32.5505, 29.5893 by changing the saturation by 10% instead.


 50.8516, 32.5505,
29.5893


 50.8516, 32.5505,
29.5893


380.3841,
313.6194, 314.1329


 36.3111, 21.7823,
19.2777


 90.6197, 63.6731,
60.0654


 24.8458, 13.6970,
11.6922


 116.5779, 84.7963,
81.0669

 16.0903, 7.9103,
6.4145


 147.0728,
110.1400, 106.4688

 9.6793, 4.0376,
3.0259

 182.4697,
140.0886, 136.6896

 5.2475, 1.6946,
1.1079

223.1339,
175.0264, 172.1479

 2.4294, 0.4202,
0.0000

269.4308,

 0.8598, 0.0000,

215.3379, 213.2622

0.0000

321.7258,
261.4074, 260.4510

■ 0.0000, 0.0000,
0.0000

■ 50.8516, 32.5505,
29.5893

■ 50.8516, 32.5505,
29.5893

■ 47.4576, 27.8282,
22.0899

■ 55.2474, 38.9047,
38.5692

■ 44.9777, 24.5806,
15.9845

■ 60.7174, 47.0184,
49.1053

■ 43.3123, 22.6285,
11.1794

■ 67.3298, 57.0125,
61.2697

■ 42.3308, 21.6963,
7.6746

■ 75.1466, 68.9955,
75.1295

■ 84.2250, 83.0678,
90.7479

94.6187, 99.3228,
108.1847

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.



49.2582, 32.5505, 57.4393



50.8516, 32.5505, 29.5893



46.3613, 32.5505, 13.4643

Triad

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



50.8516, 32.5505, 29.5893



21.7885, 32.5505, 9.2545



24.8976, 32.5505, 101.3142

Complementary

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



50.8516, 32.5505, 29.5893



53.1390, 79.0916, 75.4216

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.



19.3824, 32.5505, 73.5891



50.8516, 32.5505, 29.5893



17.8382, 32.5505, 19.9288

Square

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



50.8516, 32.5505, 29.5893



28.8208, 32.5505, 5.8848



17.0492, 32.5505, 42.0196



33.1570, 32.5505, 108.1315

Rectangle

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



50.8516, 32.5505, 29.5893



40.9441, 32.5505, 8.3437



17.0492, 32.5505, 42.0196



22.7118, 32.5505, 93.6578

Sweetspot

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



50.8525, 32.5522, 29.5899



77.1985, 72.1634, 78.6982



49.6744, 30.4325, 97.8635



15.9907, 14.6233, 15.9170



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.



50.8525, 32.5522, 29.5899



46.9986, 27.2095, 21.0142



52.1662, 39.3534, 17.1607



18.2128, 18.0684, 19.7379



22.1721, 11.3581, 4.2905



2.2023, 1.1233, 0.6469

Inverse Universe

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



50.8525, 32.5522, 29.5899



46.9986, 27.2095, 21.0142



49.4423, 62.0361, 103.9759



18.2128, 18.0684, 19.7379



22.1721, 11.3581, 4.2905



2.2023, 1.1233, 0.6469

Previews

White Background



This preview shows how the XYZ color 50.8516, 32.5505, 29.5893 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 50.8516, 32.5505, 29.5893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

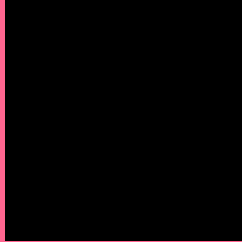
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8516, 32.5505, 29.5893

Background



This preview shows how black text looks on a background with the XYZ color 50.8516, 32.5505, 29.5893.



This preview shows how white text looks on a background with the XYZ color 50.8516, 32.5505,

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

50.8516, 32.5505, 29.5893

Protanopia

32.0473, 32.8037, 44.1778

Deuteranopia

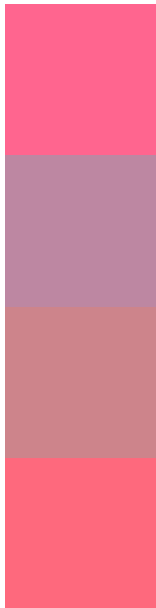
33.3228, 32.6196, 27.8325



Tritanopia

48.8030, 32.6129, 19.6423

Trichromacy



Original Color

50.8516, 32.5505, 29.5893

Protanomaly

36.1718, 30.7554, 38.2123

Deuteranomaly

38.0883, 31.3457, 28.4690

Tritanomaly

49.6263, 32.6546, 23.0894

Monochromacy



Original Color

50.8516, 32.5505, 29.5893

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

34.7986, 29.7638, 32.3447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8516, 32.5505, 29.5893 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 143) }
```

Border

The CSS property to change the border of an element to XYZ 50.8516, 32.5505, 29.5893 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, 143) }
```


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

```
.border{ border-color:rgb(255, 101, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 101, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 101, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 101,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8516, 32.5505, 29.5893 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, 143) }
```

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

```
.background{ background-color: rgb(255,  
101, 143) }
```

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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