

Converting Colors

XYZ(46.2332, 29.1841, 32.7383)

Have a look what the booklet for
XYZ(46.2332, 29.1841, 32.7383)
contains.

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Color

**XYZ(46.2881, 29.1497,
32.8926)**

Conversions

Conversions Part 1

Format	Color
Hex	F25E98
RGB	242, 94, 152
RGB Percent	95%, 37%, 60%
CMY	0.0510, 0.6313, 0.4039
CMYK	0.00, 0.61, 0.37, 0.05
HSL	336°, 85%, 66%
HSV	336°, 61%, 95%
XYZ	46.2881, 29.1497, 32.8926
YIQ	144.8640, 69.5900, 49.4140

Conversions

Conversions Part 2

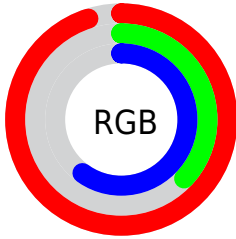
Format	Color
R_{YB}	242, 94, 152
Decimal	15883928
CIE _{Lab}	60.91, 61.86, -1.59
CIE _{LCh}	61, 61.878, 358.530
Yxy	29.1497, 0.4273, 0.2691
Android (android.graphics.Color)	4294074008 (0xFFFF25E98)
YUV	144.8640, 3.5180, 85.1883
Hunter-Lab	53.9905, 58.5516, 1.6721

Details

The XYZ color **46.2881, 29.1497, 32.8926** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **45.0216, 69.3453, 56.3639**, and the grayscale version is **26.8262, 28.2232, 30.7351**.

A 20% lighter version of the original color is **63.4472, 47.8494, 64.2844**, and **22.1304, 11.8646, 13.4356** is the 20% darker color. If you saturate the color by 10%, you get **43.3318, 25.0480, 26.3247**, and if you desaturate by 10%, it is **50.0699, 34.6629, 40.4742**.

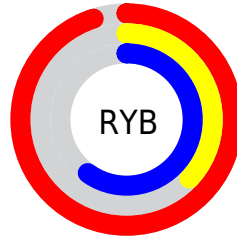
Distribution



Red (95%)

Green (37%)

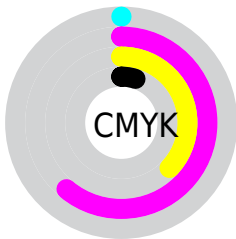
Blue (60%)



Red (95%)

Yellow (37%)

Blue (60%)

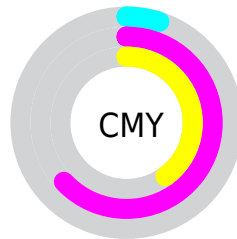


Cyan (0%)

Magenta (61%)

Yellow (37%)

Black (5%)



Cyan (5%)


Magenta (63%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2881, 29.1497, 32.8926 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 46.2881, 29.1497, 32.8926 by changing the saturation by 10% instead.


 46.2881, 29.1497,
32.8926


 46.2881, 29.1497,
32.8926


362.6623,
297.9206, 329.7827


 32.6788, 19.1941,
21.7737


 83.8752, 58.3148,
65.3219


 22.0386, 11.8106,
13.4940


 108.5838, 78.2932,
87.4694

 14.0020, 6.6149,
7.6349


 137.7228,
102.3812, 114.1302

 8.2038, 3.2224,
3.7778

 171.6576,
130.9633, 145.7229

 4.2785, 1.2489,
1.5043

210.7536,
164.4239, 182.6659

 1.8609, 0.1011,
0.2211

255.3762,

 0.5539, 0.0000,

203.1474, 225.3778

0.0000

305.8906,
247.5182, 274.2773

■ 0.0000, 0.0000,
0.0000

■ 46.2881, 29.1497,
32.8926

■ 46.2881, 29.1497,
32.8926

■ 43.3318, 25.0480,
26.3247

■ 50.0699, 34.6629,
40.4742

■ 41.1277, 22.2200,
20.7182

■ 54.7370, 41.6992,
49.1140

■ 39.5924, 20.5082,
16.0172

■ 60.3461, 50.3640,
58.8557

■ 38.6757, 19.7003,
12.5501

■ 66.9484, 60.7521,
69.7394

■ 74.5912, 72.9509,
81.8032

■ 83.3187, 87.0419,
95.0833

■ 90.4278, 97.6172,
108.6837

Harmonies

Analogous

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



43.1559, 29.1497, 61.0429



46.2881, 29.1497, 32.8926



43.6929, 29.1497, 14.8965

Triad

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



46.2881, 29.1497, 32.8926



20.9372, 29.1497, 6.5201



20.3705, 29.1497, 86.7162

Complementary

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



46.2881, 29.1497, 32.8926



45.0216, 69.3453, 56.3639

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.



16.1890, 29.1497, 58.0402



46.2881, 29.1497, 32.8926



16.4688, 29.1497, 13.7357

Square

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



46.2881, 29.1497, 32.8926



28.1058, 29.1497, 4.8204



14.9111, 29.1497, 30.6128



27.3098, 29.1497, 100.0939

Rectangle

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



46.2881, 29.1497, 32.8926



39.3017, 29.1497, 8.7310



14.9111, 29.1497, 30.6128



18.6499, 29.1497, 78.0270

Sweetspot

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



46.2889, 29.1512, 32.8931



77.9421, 72.4608, 82.6139



39.5122, 24.4610, 86.6431



16.1702, 14.6951, 16.8624



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.



46.2889, 29.1512, 32.8931



48.2260, 27.4446, 28.2660



44.0868, 30.5819, 14.1711



16.0293, 15.8614, 17.7104



20.8394, 10.6082, 7.0708



1.7811, 0.9015, 0.8383

Inverse Universe

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



46.2889, 29.1512, 32.8931



48.2260, 27.4446, 28.2660



48.1680, 63.8389, 93.7876



16.0293, 15.8614, 17.7104



20.8394, 10.6082, 7.0708



1.7811, 0.9015, 0.8383

Previews

White Background



This preview shows how the XYZ color 46.2881, 29.1497, 32.8926 looks on a white background.

Color Contrast Check

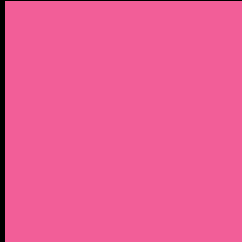
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.2881, 29.1497, 32.8926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

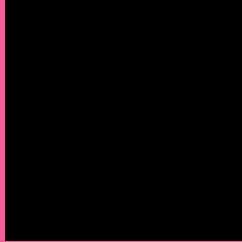
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 46.2881, 29.1497, 32.8926

Background



This preview shows how black text looks on a background with the XYZ color 46.2881, 29.1497, 32.8926.



This preview shows how white text looks on a background with the XYZ color 46.2881, 29.1497,

32.8926.

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

46.2881, 29.1497, 32.8926

Protanopia

29.4118, 29.4217, 49.4762

Deuteranopia

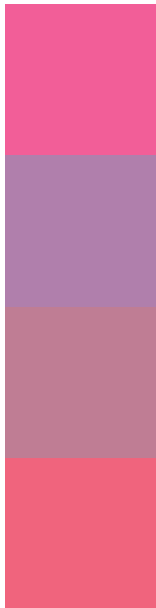
29.8336, 29.3706, 30.8848



Tritanopia

43.2613, 29.1770, 18.1035

Trichromacy



Original Color

46.2881, 29.1497, 32.8926

Protanomaly

32.9403, 27.3874, 42.5799

Deuteranomaly

34.1648, 27.8817, 31.5980

Tritanomaly

44.1940, 29.1203, 22.6935

Monochromacy



Original Color

46.2881, 29.1497, 32.8926

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

31.6285, 26.7631, 31.5158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2881, 29.1497, 32.8926 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(242, 94, 152)` looks like.

```
.text, #text, p{  
    color:rgb(242, 94, 152)  
}
```

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(242, 94, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 94, 152) }
```

Border

The CSS property to change the border of an element to XYZ 46.2881, 29.1497, 32.8926 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(242, 94, 152) }
```


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

```
.border{ border-color:rgb(242, 94, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 94, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 94, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 94, 152);  
box-shadow:4px 4px 4px 4px rgb(242, 94,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2881, 29.1497, 32.8926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 94, 152) }
```

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

```
.background{ background-color: rgb(242, 94,  
152) }
```

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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