

Converting Colors

XYZ(46.5412, 32.5941, 29.6137)

Have a look what the booklet for
XYZ(46.5412, 32.5941, 29.6137)
contains.

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Color

**XYZ(46.6098, 32.5652,
29.4203)**

Conversions

Conversions Part 1

Format	Color
Hex	EF738E
RGB	239, 115, 142
RGB Percent	94%, 45%, 56%
CMY	0.0627, 0.5490, 0.4431
CMYK	0.00, 0.52, 0.41, 0.06
HSL	347°, 79%, 69%
HSV	347°, 52%, 94%
XYZ	46.6098, 32.5652, 29.4203
YIQ	155.1540, 65.2370, 34.6850

Conversions

Conversions Part 2

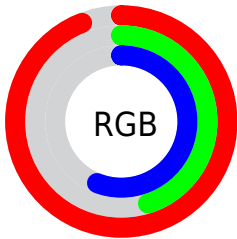
Format	Color
R _Y B	239, 115, 142
Decimal	15692686
CIE Lab	63.81, 50.29, 8.30
CIE LCh	64, 50.974, 9.372
Yxy	32.5652, 0.4292, 0.2999
Android (android.graphics.Color)	4293882766 (0xFFEF738E)
YUV	155.1540, -6.4849, 73.5329
Hunter-Lab	57.0659, 45.9283, 9.3792

Details

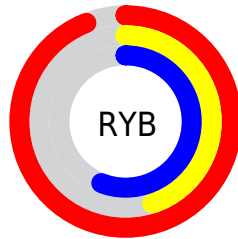
The XYZ color **46.6098, 32.5652, 29.4203** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **49.8221, 70.1320, 73.2026**, and the grayscale version is **31.2325, 32.8591, 35.7835**.

A 20% lighter version of the original color is **65.5785, 53.9950, 59.1903**, and **22.1909, 13.6939, 11.5988** is the 20% darker color. If you saturate the color by 10%, you get **42.9410, 27.2889, 21.8428**, and if you desaturate by 10%, it is **51.2221, 39.3517, 38.4746**.

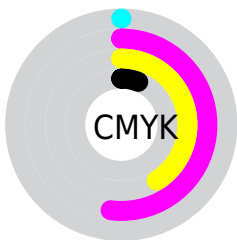
Distribution



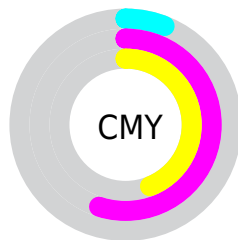
- Red (94%)
- Green (45%)
- Blue (56%)



- Red (94%)
- Yellow (45%)
- Blue (56%)



- Cyan (0%)
- Magenta (52%)
- Yellow (41%)
- Black (6%)





- Cyan (6%)
- Magenta (55%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.6098, 32.5652, 29.4203 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 46.6098, 32.5652, 29.4203 by changing the saturation by 10% instead.


 46.6098, 32.5652,
29.4203


 46.6098, 32.5652,
29.4203


363.9298,
313.6859, 313.3157


 32.9339, 21.7936,
19.1507


 84.3532, 63.6961,
59.7943

 22.2348, 13.7053,
11.6013


 109.1514, 84.8242,
80.7358

 14.1471, 7.9160,
6.3536

 138.3878,
110.1732, 106.0717

 8.3055, 4.0412,
2.9890

172.4277,
140.1275, 136.2205

 4.3445, 1.6967,
1.0890

211.6366,
175.0715, 171.6008

 1.8988, 0.4215,
0.0000

256.3796,

 0.5761, 0.0000,

215.3897, 212.6310

0.0000

307.0222,
261.4664, 259.7298

■ 0.0000, 0.0000,
0.0000

■ 46.6098, 32.5652,
29.4203

■ 46.6098, 32.5652,
29.4203

■ 42.9410, 27.2889,
21.8428

■ 51.2221, 39.3517,
38.4746

■ 40.1457, 23.4016,
15.6600

■ 56.8362, 47.7474,
49.0780

■ 38.1477, 20.7713,
10.7838

■ 63.5085, 57.8488,
61.3001

■ 36.8559, 19.2382,
7.1146

■ 71.2903, 69.7431,
75.2059

■ 36.2170, 18.5989,
4.9335

■ 80.2297, 83.5119,
90.8563

89.2751, 97.0381,
107.9440

89.4065, 97.0907,
108.6359

Harmonies

Analogous

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



45.6981, 32.5652, 51.2317



46.6098, 32.5652, 29.4203



42.8541, 32.5652, 15.8746

Triad

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



46.6098, 32.5652, 29.4203



23.0186, 32.5652, 12.8861



26.3534, 32.5652, 86.6021

Complementary

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



46.6098, 32.5652, 29.4203



49.8221, 70.1320, 73.2026

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.



21.4874, 32.5652, 66.7900



46.6098, 32.5652, 29.4203



19.7781, 32.5652, 23.3080

Square

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



46.6098, 32.5652, 29.4203



28.7653, 32.5652, 9.0571



19.2644, 32.5652, 42.2698



33.2474, 32.5652, 90.2811

Rectangle

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



46.6098, 32.5652, 29.4203



38.5048, 32.5652, 11.2096



19.2644, 32.5652, 42.2698



24.4581, 32.5652, 81.3248

Sweetspot

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



46.6107, 32.5669, 29.4209



78.6676, 74.7866, 80.1592



48.3093, 32.2068, 85.3315



16.4408, 15.4002, 16.4470



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.



46.6107, 32.5669, 29.4209



49.6238, 31.4383, 25.0388



49.2927, 40.7911, 21.4974



15.9136, 15.8152, 17.1015



20.0540, 10.2940, 2.9348



1.7042, 0.8707, 0.4329

Inverse Universe

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



46.6107, 32.5669, 29.4209



49.6238, 31.4383, 25.0388



44.7069, 53.9887, 89.7257



15.9136, 15.8152, 17.1015



20.0540, 10.2940, 2.9348



1.7042, 0.8707, 0.4329

Previews

White Background



This preview shows how the XYZ color 46.6098, 32.5652, 29.4203 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 46.6098, 32.5652, 29.4203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

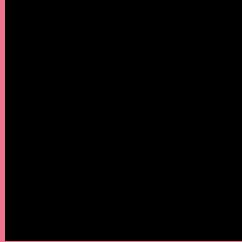
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.6098, 32.5652, 29.4203

Background



This preview shows how black text looks on a background with the XYZ color 46.6098, 32.5652, 29.4203.



This preview shows how white text looks on a background with the XYZ color 46.6098, 32.5652,

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

46.6098, 32.5652, 29.4203

Protanopia

31.7740, 32.7601, 39.7706

Deuteranopia

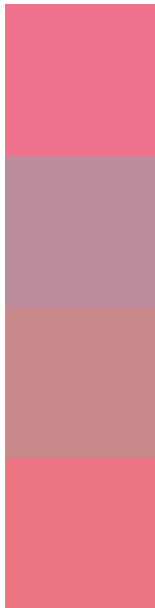
33.3228, 32.6196, 27.8325



Tritanopia

45.5042, 32.6404, 23.6405

Trichromacy



Original Color

46.6098, 32.5652, 29.4203

Protanomaly

35.6285, 31.5956, 35.6732

Deuteranomaly

37.3525, 32.0057, 28.2538

Tritanomaly

45.7860, 32.5657, 25.7024

Monochromacy



Original Color

46.6098, 32.5652, 29.4203

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

35.1328, 31.3973, 33.0627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6098, 32.5652, 29.4203 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(239, 115, 142)` looks like.

```
.text, #text, p{  
    color:rgb(239, 115, 142)  
}
```

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(239, 115, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 115, 142) }
```

Border

The CSS property to change the border of an element to XYZ 46.6098, 32.5652, 29.4203 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(239, 115, 142) }
```


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

```
.border{ border-color:rgb(239, 115, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 115, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 115, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 115, 142);  
box-shadow:4px 4px 4px 4px rgb(239, 115,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6098, 32.5652, 29.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 115, 142) }
```

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

```
.background{ background-color: rgb(239,  
115, 142) }
```

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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