

Converting Colors

XYZ(46.0369, 31.1519, 18.3356)

Have a look what the booklet for
XYZ(46.0369, 31.1519, 18.3356)
contains.

| | |
|--|----|
| XYZ(46.0782, 31.2340, 18.3520) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(46.0782, 31.2340,
18.3520)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F66B6E |
| RGB | 246, 107, 110 |
| RGB Percent | 96%, 42%, 43% |
| CMY | 0.0353, 0.5804, 0.5686 |
| CMYK | 0.00, 0.57, 0.55, 0.04 |
| HSL | 359°, 89%, 69% |
| HSV | 359°, 57%, 96% |
| XYZ | 46.0782, 31.2340, 18.3520 |
| YIQ | 148.9030, 81.8810, 30.4010 |

Conversions

Conversions Part 2

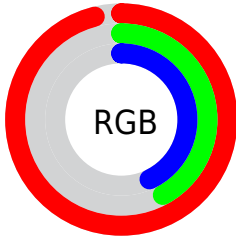
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 246, 107, 110 |
| Decimal | 16149358 |
| CIE Lab | 62.70, 53.54, 25.22 |
| CIE LCh | 63, 59.184, 25.223 |
| Yxy | 31.2340, 0.4817, 0.3265 |
| Android (android.graphics.Color) | 4294339438 (0xFFFF66B6E) |
| YUV | 148.9030, -19.1792, 85.1541 |
| Hunter-Lab | 55.8874, 49.3673, 19.6518 |

Details

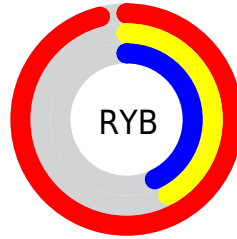
The XYZ color **46.0782, 31.2340, 18.3520** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **55.1988, 75.5091, 96.4651**, and the grayscale version is **28.5814, 30.0698, 32.7460**.

A 20% lighter version of the original color is **60.6819, 49.7093, 40.5790**, and **21.8205, 12.9058, 5.8984** is the 20% darker color. If you saturate the color by 10%, you get **42.7310, 26.3599, 11.6252**, and if you desaturate by 10%, it is **50.5122, 37.7125, 27.1972**.

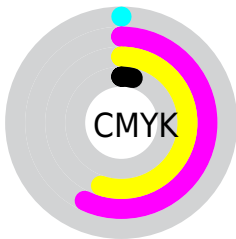
Distribution



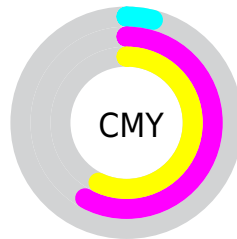
- Red (96%)
- Green (42%)
- Blue (43%)



- Red (96%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (57%)
- Yellow (55%)
- Black (4%)





- Cyan (4%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0782, 31.2340, 18.3520 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 46.0782, 31.2340, 18.3520 by changing the saturation by 10% instead.


 46.0782, 31.2340,
18.3520


 46.0782, 31.2340,
18.3520


361.8336,
307.6149, 255.1501

 32.5124, 20.7771,
11.0310


 83.5632, 61.6083,
41.4582


 21.9106, 12.9612,
5.9732


 108.2131, 82.2945,
58.0805

 13.9075, 7.4018,
2.7603


 137.2884,
107.1592, 78.6402

 8.1376, 3.7146,
0.9736

 171.1545,
136.5869, 103.5560

 4.2357, 1.5152,
0.0000

210.1767,
170.9619, 133.2463

 1.8363, 0.2994,
0.0000

254.7204,

 0.5394, 0.0000,

210.6686, 168.1297

0.0000

305.1509,
256.0915, 208.6248

■ 0.0000, 0.0000,
0.0000

■ 46.0782, 31.2340,
18.3520

■ 46.0782, 31.2340,
18.3520

■ 42.7310, 26.3599,
11.6252

■ 50.5122, 37.7125,
27.1972

■ 40.3750, 22.9459,
6.8383

■ 56.1131, 45.9132,
38.3163

■ 38.9020, 20.8307,
3.7863

■ 62.9562, 55.9487,
51.8518

■ 38.1767, 19.8106,
2.2172

■ 71.1099, 67.9209,
67.9345

■ 38.0349, 19.6044,
1.9314

■ 80.6375, 81.9239,
86.6855

91.5982, 98.0459,
108.2183

91.8159, 98.3327,
108.7486

Harmonies

Analogous

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



48.0184, 31.2340, 37.8505



46.0782, 31.2340, 18.3520



39.4605, 31.2340, 8.9888

Triad

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



46.0782, 31.2340, 18.3520



18.6662, 31.2340, 14.4179



28.4117, 31.2340, 100.4177

Complementary

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



46.0782, 31.2340, 18.3520



55.1988, 75.5091, 96.4651

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.



21.6773, 31.2340, 85.2157



46.0782, 31.2340, 18.3520



16.7393, 31.2340, 30.4357

Square

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



46.0782, 31.2340, 18.3520



23.5458, 31.2340, 7.5473



17.7326, 31.2340, 56.7138



36.8126, 31.2340, 92.2366

Rectangle

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



46.0782, 31.2340, 18.3520



33.8289, 31.2340, 6.5765



17.7326, 31.2340, 56.7138



25.8977, 31.2340, 97.7310

Sweetspot

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



46.0790, 31.2357, 18.3525



76.6535, 72.9551, 72.7155



58.2939, 35.9363, 91.0524



16.0040, 15.0235, 14.7699



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.



46.0790, 31.2357, 18.3525



45.8802, 27.8956, 11.6301



55.3881, 50.1104, 20.6652



16.5136, 16.4883, 17.1852



20.3081, 10.4667, 1.0650



1.7899, 0.9219, 0.1199

Inverse Universe

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



46.0790, 31.2357, 18.3525



45.8802, 27.8956, 11.6301



39.2506, 42.8836, 93.3971



16.5136, 16.4883, 17.1852



20.3081, 10.4667, 1.0650



1.7899, 0.9219, 0.1199

Previews

White Background



This preview shows how the XYZ color 46.0782, 31.2340, 18.3520 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 46.0782, 31.2340, 18.3520 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 46.0782, 31.2340, 18.3520

Background



This preview shows how black text looks on a background with the XYZ color 46.0782, 31.2340, 18.3520.



This preview shows how white text looks on a background with the XYZ color 46.0782, 31.2340,

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

46.0782, 31.2340, 18.3520

Protanopia

29.7547, 31.5418, 25.6390

Deuteranopia

31.9155, 31.1954, 17.4359



Tritanopia

46.1973, 31.1158, 19.4907

Trichromacy



Original Color

46.0782, 31.2340, 18.3520

Protanomaly

33.8652, 30.1147, 22.7667

Deuteranomaly

35.8947, 30.2523, 17.5831

Tritanomaly

46.1407, 31.0932, 19.1925

Monochromacy



Original Color

46.0782, 31.2340, 18.3520

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

32.6654, 28.9898, 26.7956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0782, 31.2340, 18.3520 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(246, 107, 110)` looks like.

```
.text, #text, p{  
    color:rgb(246, 107, 110)  
}
```

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(246, 107, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 107, 110) }
```

Border

The CSS property to change the border of an element to XYZ 46.0782, 31.2340, 18.3520 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(246, 107, 110) }
```


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

```
.border{ border-color:rgb(246, 107, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 107, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 107, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 107, 110);  
box-shadow:4px 4px 4px 4px rgb(246, 107,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0782, 31.2340, 18.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 107, 110) }
```

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

```
.background{ background-color: rgb(246,  
107, 110) }
```

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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