

Converting Colors

XYZ(52.4111, 29.3591, 22.5765)

Have a look what the booklet for
XYZ(52.4111, 29.3591, 22.5765)
contains.

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Color

**XYZ(46.8962, 26.5470,
22.3910)**

Conversions

Conversions Part 1

Format	Color
Hex	FF417E
RGB	255, 65, 126
RGB Percent	100%, 25%, 49%
CMY	0.0000, 0.7450, 0.5059
CMYK	0.00, 0.75, 0.51, 0.00
HSL	341°, 100%, 63%
HSV	341°, 75%, 100%
XYZ	46.8962, 26.5470, 22.3910
YIQ	128.7640, 93.6590, 59.2510

Conversions

Conversions Part 2

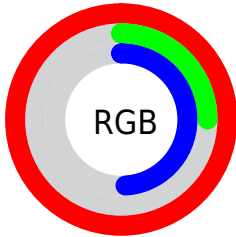
Format	Color
RYB	255, 65, 126
Decimal	16728446
CIELab	58.55, 73.75, 10.49
CIELCh	59, 74.491, 8.094
Yxy	26.5470, 0.4893, 0.2770
Android (android.graphics.Color)	4294918526 (0xFFFF417E)
YUV	128.7640, -1.3627, 110.7090
Hunter-Lab	51.5238, 72.3015, 10.3006

Details

The XYZ color **46.8962, 26.5470, 22.3910** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **47.6799, 76.5397, 63.3075**, and the grayscale version is **20.7675, 21.8490, 23.7936**.

A 20% lighter version of the original color is **56.9951, 39.9127, 46.8194**, and **23.1134, 11.7565, 8.2588** is the 20% darker color. If you saturate the color by 10%, you get **44.7258, 23.8423, 16.6243**, and if you desaturate by 10%, it is **49.9213, 30.6520, 29.3971**.

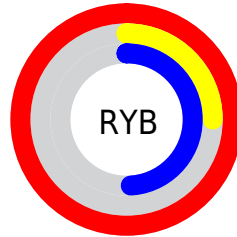
Distribution



Red (100%)

Green (25%)

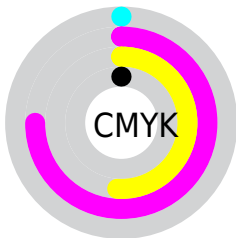
Blue (49%)



Red (100%)

Yellow (25%)

Blue (49%)

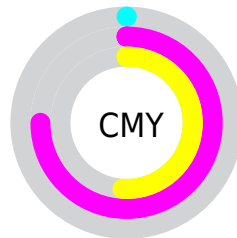


Cyan (0%)

Magenta (75%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8962, 26.5470, 22.3910 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 46.8962, 26.5470, 22.3910 by changing the saturation by 10% instead.


 46.8962, 26.5470,
22.3910

 46.8962, 26.5470,
22.3910

365.0559,
285.4570, 277.6012


 33.1612, 17.2333,
13.9434


 84.7783, 54.1561,
48.3018


 22.4098, 10.4010,
7.9430

 109.6562, 73.2203,
66.6022


 14.2766, 5.6656,
3.9713


 138.9791, 96.3034,
89.0239

 8.3963, 2.6428,
1.6096

 173.1123,
123.7899, 115.9854

 4.4035, 0.9482,
0.2976

 212.4212,
156.0641, 147.9054

 1.9328, 0.0000,
0.0000

257.2712,

 0.5958, 0.0000,

193.5104, 185.2023

0.0000

308.0277,
236.5133, 228.2948

■ 0.0000, 0.0000,
0.0000

■ 46.8962, 26.5470,
22.3910

■ 46.8962, 26.5470,
22.3910

■ 44.7258, 23.8423,
16.6243

■ 49.9213, 30.6520,
29.3971

■ 43.3015, 22.3361,
12.0109


■ 53.8872, 36.3141,
37.7161


■ 42.7574, 21.8669,
9.9211

■ 58.8709, 43.6737,
47.4168

■ 64.9407, 52.8543,
58.5619

■ 72.1586, 63.9678,
71.2103

 80.5819, 77.1168,
85.4173

 90.2640, 92.3970,
101.2353

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



45.2646, 26.5470, 51.9993



46.8962, 26.5470, 22.3910



41.7140, 26.5470, 7.6651

Triad

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



46.8962, 26.5470, 22.3910



15.8808, 26.5470, 4.6514



19.2355, 26.5470, 105.0924

Complementary

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



46.8962, 26.5470, 22.3910



47.6799, 76.5397, 63.3075

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.



13.7888, 26.5470, 72.3157



46.8962, 26.5470, 22.3910



12.2024, 26.5470, 13.9181

Square

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



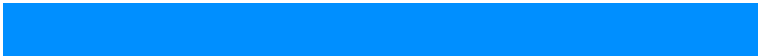
46.8962, 26.5470, 22.3910



22.8412, 26.5470, 2.2386



11.5418, 26.5470, 36.5741



27.7843, 26.5470, 112.6625

Rectangle

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



46.8962, 26.5470, 22.3910



35.6887, 26.5470, 3.7901



11.5418, 26.5470, 36.5741



17.0480, 26.5470, 95.9957

Sweetspot

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



46.8969, 26.5485, 22.3914



74.1529, 67.0658, 74.6199



41.5961, 22.1658, 96.6935



15.4103, 13.6381, 15.1824



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.



46.8969, 26.5485, 22.3914



44.0006, 23.0305, 14.4130



46.4394, 30.1318, 8.3716



18.2497, 18.0832, 19.9318



22.4017, 11.4500, 5.4998



2.2286, 1.1338, 0.7851

Inverse Universe

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



46.8969, 26.5485, 22.3914



44.0006, 23.0305, 14.4130



46.7082, 61.2990, 103.9775



18.2497, 18.0832, 19.9318



22.4017, 11.4500, 5.4998



2.2286, 1.1338, 0.7851

Previews

White Background



This preview shows how the XYZ color 46.8962, 26.5470, 22.3910 looks on a white background.

Color Contrast Check

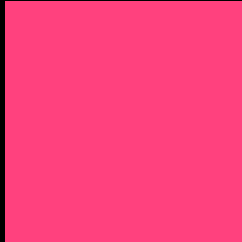
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.8962, 26.5470, 22.3910 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 46.8962, 26.5470, 22.3910

Background



This preview shows how black text looks on a background with the XYZ color 46.8962, 26.5470, 22.3910.



This preview shows how white text looks on a background with the XYZ color 46.8962, 26.5470,

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

46.8962, 26.5470, 22.3910

Protanopia

26.4144, 26.7436, 39.8462

Deuteranopia

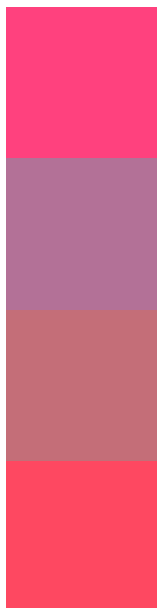
27.1193, 26.6792, 20.5499



Tritanopia

44.5404, 26.6307, 10.3821

Trichromacy



Original Color

46.8962, 26.5470, 22.3910

Protanomaly

30.0814, 23.6283, 32.2534

Deuteranomaly

31.7310, 24.2437, 20.7764

Tritanomaly

45.3481, 26.5686, 14.0474

Monochromacy



Original Color

46.8962, 26.5470, 22.3910

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

26.7295, 20.9805, 23.0629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8962, 26.5470, 22.3910 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, 65, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 65, 126)  
}
```

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, 65, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 65, 126) }
```

Border

The CSS property to change the border of an element to XYZ 46.8962, 26.5470, 22.3910 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, 65, 126) }
```


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

```
.border{ border-color:rgb(255, 65, 126) }
```

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

Here you see how a box with a 4 pixel rgb(255, 65, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 65, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 65, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 65,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8962, 26.5470, 22.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 65, 126) }
```

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

```
.background{ background-color: rgb(255, 65,  
126) }
```

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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