

Converting Colors

XYZ(46.6192, 24.7939, 25.9955)

Have a look what the booklet for
XYZ(46.6192, 24.7939, 25.9955)
contains.

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Color

**XYZ(46.6192, 24.7939,
25.9955)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2B89
RGB	255, 43, 137
RGB Percent	100%, 17%, 54%
CMY	0.0000, 0.8313, 0.4627
CMYK	0.00, 0.83, 0.46, 0.00
HSL	333°, 100%, 58%
HSV	333°, 83%, 100%
XYZ	46.6192, 24.7939, 25.9955
YIQ	117.1040, 96.1780, 74.1780

Conversions

Conversions Part 2

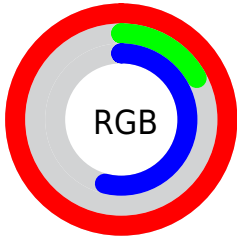
Format	Color
RYB	255, 43, 137
Decimal	16722825
CIELab	56.87, 80.20, 1.57
CIElCh	57, 80.220, 1.123
Yxy	24.7939, 0.4786, 0.2545
Android (android.graphics.Color)	4294912905 (0xFFFF2B89)
YUV	117.1040, 9.8087, 120.9348
Hunter-Lab	49.7935, 79.9823, 3.9021

Details

The XYZ color **46.6192, 24.7939, 25.9955** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **43.1918, 74.6077, 45.8517**, and the grayscale version is **16.8935, 17.7732, 19.3551**.

A 20% lighter version of the original color is **56.5516, 37.0123, 52.8787**, and **23.4997, 11.9110, 10.2930** is the 20% darker color. If you saturate the color by 10%, you get **45.0115, 23.1024, 20.7620**, and if you desaturate by 10%, it is **48.9404, 27.6981, 32.1281**.

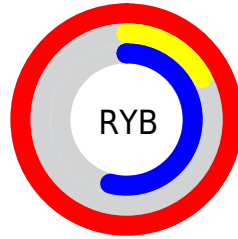
Distribution



Red (100%)

Green (17%)

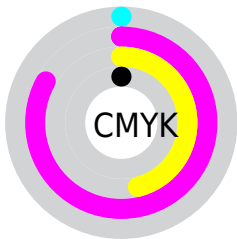
Blue (54%)



Red (100%)

Yellow (17%)

Blue (54%)

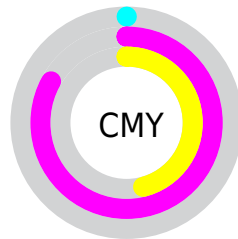


Cyan (0%)

Magenta (83%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (83%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6192, 24.7939, 25.9955 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 46.6192, 24.7939, 25.9955 by changing the saturation by 10% instead.


 46.6192, 24.7939,
25.9955


 46.6192, 24.7939,
25.9955


363.9668,
276.8100, 296.3648


 32.9414, 15.9236,
16.5945


 84.3671, 51.3227,
54.2517


 22.2406, 9.4701,
9.7869


 109.1680, 69.7499,
73.9440


 14.1514, 5.0491,
5.1542


 138.4072, 92.1316,
97.9038

 8.3084, 2.2761,
2.2777

 172.4502,
118.8520, 126.5497

 4.3464, 0.7610,
0.7187

 211.6623,
150.2957, 160.3002

 1.8999, 0.0000,
0.0000

256.4089,

 0.5768, 0.0000,

186.8470, 199.5739

0.0000

307.0553,
228.8903, 244.7892

■ 0.0000, 0.0000,
0.0000

■ 46.6192, 24.7939,
25.9955

■ 46.6192, 24.7939,
25.9955

■ 45.0115, 23.1024,
20.7620

■ 48.9404, 27.6981,
32.1281

■ 44.2235, 22.4534,
17.6414

■ 52.0715, 31.9998,
39.2157

■ 56.0947, 37.8562,
47.3089

■ 61.0812, 45.4021,
56.4531

■ 67.0943, 54.7577,
66.6907

■ 74.1918, 66.0320,
78.0608

■ 82.4271, 79.3253,
90.6008

■ 91.8498, 94.7311,
104.3458

■ 95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



43.1753, 24.7939, 60.4591



46.6192, 24.7939, 25.9955



42.6476, 24.7939, 8.1192

Triad

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



46.6192, 24.7939, 25.9955



15.4112, 24.7939, 2.5168



15.8776, 24.7939, 102.3079

Complementary

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



46.6192, 24.7939, 25.9955



43.1918, 74.6077, 45.8517

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.



11.2424, 24.7939, 63.5139



46.6192, 24.7939, 25.9955



11.0277, 24.7939, 8.9329

Square

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



46.6192, 24.7939, 25.9955



23.2138, 24.7939, 1.2770



9.7311, 24.7939, 28.0225



23.9215, 24.7939, 118.7190

Rectangle

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



46.6192, 24.7939, 25.9955



36.8118, 24.7939, 3.4348



9.7311, 24.7939, 28.0225



13.9529, 24.7939, 90.5750

Sweetspot

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



46.6199, 24.7953, 25.9959



72.7792, 63.7723, 75.8460



33.3337, 16.3826, 96.0127



15.0326, 12.7819, 15.3673



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.



46.6199, 24.7953, 25.9959



44.2236, 22.4534, 17.6415



42.9778, 24.0376, 4.6620



18.3440, 18.1209, 20.4285



23.1801, 11.7613, 9.5990



2.3109, 1.1667, 1.2186

Inverse Universe

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



46.6199, 24.7953, 25.9959



44.2236, 22.4534, 17.6415



51.5184, 72.6768, 105.9201



18.3440, 18.1209, 20.4285



23.1801, 11.7613, 9.5990



2.3109, 1.1667, 1.2186

Previews

White Background



This preview shows how the XYZ color 46.6192, 24.7939, 25.9955 looks on a white background.

Color Contrast Check

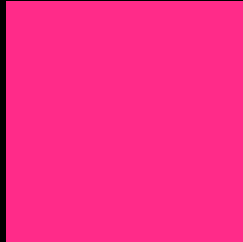
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.6192, 24.7939, 25.9955 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 46.6192, 24.7939, 25.9955

Background



This preview shows how black text looks on a background with the XYZ color 46.6192, 24.7939, 25.9955.



This preview shows how white text looks on a background with the XYZ color 46.6192, 24.7939,

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

46.6192, 24.7939, 25.9955

Protanopia

25.8434, 25.1106, 52.1999

Deuteranopia

25.4085, 24.9049, 23.5466



Tritanopia

42.7173, 24.7072, 7.9863

Trichromacy



Original Color

46.6192, 24.7939, 25.9955



Protanomaly

28.6796, 20.9891, 41.0678



Deuteranomaly

30.1398, 21.8294, 24.0977



Tritanomaly

43.5838, 24.4120, 12.7708

Monochromacy



Original Color

46.6192, 24.7939, 25.9955



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

23.2306, 16.9831, 21.1225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6192, 24.7939, 25.9955 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, 43, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 43, 137)  
}
```

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, 43, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 43, 137) }
```

Border

The CSS property to change the border of an element to XYZ 46.6192, 24.7939, 25.9955 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, 43, 137) }
```


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

```
.border{ border-color:rgb(255, 43, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 43, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 43, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 43, 137); box-shadow:4px 4px 4px 4px rgb(255, 43, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6192, 24.7939, 25.9955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 43, 137) }
```

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

```
.background{ background-color: rgb(255, 43,  
137) }
```

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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