

Converting Colors

XYZ(46.5092, 24.6253, 25.8000)

Have a look what the booklet for
XYZ(46.5092, 24.6253, 25.8000)
contains.

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Color

**XYZ(46.5483, 24.6520,
25.9719)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2989
RGB	255, 41, 137
RGB Percent	100%, 16%, 54%
CMY	0.0000, 0.8391, 0.4627
CMYK	0.00, 0.84, 0.46, 0.00
HSL	333°, 100%, 58%
HSV	333°, 84%, 100%
XYZ	46.5483, 24.6520, 25.9719
YIQ	115.9300, 96.7280, 75.2240

Conversions

Conversions Part 2

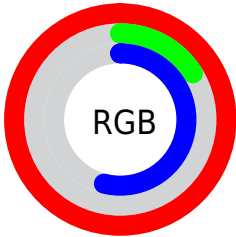
Format	Color
R_{YB}	255, 41, 137
Decimal	16722313
CIE _{Lab}	56.73, 80.61, 1.37
CIE _{LCh}	57, 80.617, 0.974
Yxy	24.6520, 0.4790, 0.2537
Android (android.graphics.Color)	4294912393 (0xFFFF2989)
YUV	115.9300, 10.3875, 121.9644
Hunter-Lab	49.6508, 80.4574, 3.7415

Details

The XYZ color **46.5483, 24.6520, 25.9719** 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 **42.9350, 74.4956, 44.9262**, and the grayscale version is **16.5306, 17.3914, 18.9393**.

A 20% lighter version of the original color is **56.4394, 36.7880, 52.8413**, and **23.4997, 11.9110, 10.2930** is the 20% darker color. If you saturate the color by 10%, you get **44.9895, 23.0450, 20.7956**, and if you desaturate by 10%, it is **48.8097, 27.4539, 32.0314**.

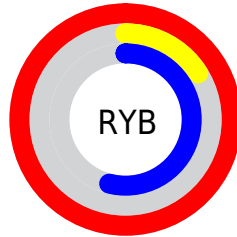
Distribution



Red (100%)

Green (16%)

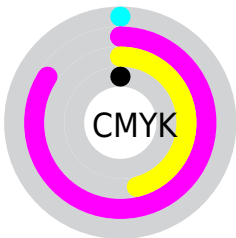
Blue (54%)



Red (100%)

Yellow (16%)

Blue (54%)

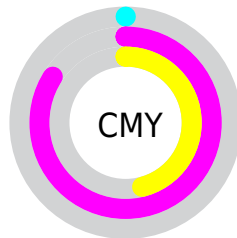


Cyan (0%)

Magenta (84%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (84%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5483, 24.6520, 25.9719 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 46.5483, 24.6520, 25.9719 by changing the saturation by 10% instead.


 46.5483, 24.6520,
25.9719


 46.5483, 24.6520,
25.9719


363.6877,
276.1004, 296.2452


 32.8852, 15.8180,
16.5770


 84.2618, 51.0921,
54.2131


 22.1973, 9.3954,
9.7746


 109.0429, 69.4670,
73.8966


 14.1194, 5.0000,
5.1461


 138.2607, 91.7909,
97.8467

 8.2860, 2.2473,
2.2730

 172.2806,
118.4483, 126.4819

 4.3318, 0.7456,
0.7161

 211.4679,
149.8236, 160.2208

 1.8915, 0.0000,
0.0000

256.1879,

 0.5719, 0.0000,

186.3011, 199.4820

0.0000

306.8061,
228.2652, 244.6839

■ 0.0000, 0.0000,
0.0000

■ 46.5483, 24.6520,
25.9719

■ 46.5483, 24.6520,
25.9719

■ 44.9895, 23.0450,
20.7956

■ 48.8097, 27.4539,
32.0314


■ 44.2988, 22.4835,
18.0380


■ 51.8717, 31.6390,
39.0298


■ 55.8176, 37.3665,
47.0174

■ 60.7189, 44.7725,
56.0393

■ 66.6394, 53.9781,
66.1373

 73.6372, 65.0931,
77.3504

 81.7658, 78.2184,
89.7151

 91.0751, 93.4479,
103.2664

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



43.0558, 24.6520, 60.6087



46.5483, 24.6520, 25.9719



42.5967, 24.6520, 8.0428

Triad

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



46.5483, 24.6520, 25.9719



15.3055, 24.6520, 2.4267



15.7094, 24.6520, 102.3162

Complementary

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



46.5483, 24.6520, 25.9719



42.9350, 74.4956, 44.9262

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.



11.0990, 24.6520, 63.2686



46.5483, 24.6520, 25.9719



10.9134, 24.6520, 8.7444

Square

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



46.5483, 24.6520, 25.9719



23.1252, 24.6520, 1.2238



9.6067, 24.6520, 27.7310



23.7394, 24.6520, 118.9964

Rectangle

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



46.5483, 24.6520, 25.9719



36.7549, 24.6520, 3.3673



9.6067, 24.6520, 27.7310



13.7928, 24.6520, 90.4830

Sweetspot

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



46.5490, 24.6534, 25.9723



72.8231, 63.7898, 76.0770



33.0841, 16.1485, 95.9808



15.0430, 12.7860, 15.4220



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.



46.5490, 24.6534, 25.9723



44.2989, 22.4836, 18.0380



42.8560, 23.8512, 4.4447



18.3480, 18.1225, 20.4498



23.2198, 11.7772, 9.8081



2.3149, 1.1683, 1.2398

Inverse Universe

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



46.5490, 24.6534, 25.9723



44.2989, 22.4836, 18.0380



51.4065, 72.5744, 105.9064



18.3480, 18.1225, 20.4498



23.2198, 11.7772, 9.8081



2.3149, 1.1683, 1.2398

Previews

White Background



This preview shows how the XYZ color 46.5483, 24.6520, 25.9719 looks on a white background.

Color Contrast Check

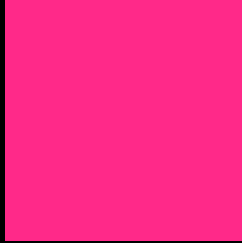
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.5483, 24.6520, 25.9719 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 46.5483, 24.6520, 25.9719

Background



This preview shows how black text looks on a background with the XYZ color 46.5483, 24.6520, 25.9719.



This preview shows how white text looks on a background with the XYZ color 46.5483, 24.6520,

25.9719.

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

46.5483, 24.6520, 25.9719

Protanopia

25.7040, 25.0387, 52.1934

Deuteranopia

25.2189, 24.8071, 23.5378



Tritanopia

42.6302, 24.5813, 7.8080

Trichromacy



Original Color

46.5483, 24.6520, 25.9719



Protanomaly

28.3666, 20.6827, 41.0251



Deuteranomaly

29.7938, 21.5095, 24.0542



Tritanomaly

43.4908, 24.2965, 12.5227

Monochromacy



Original Color

46.5483, 24.6520, 25.9719



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

23.1468, 16.8155, 21.0945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5483, 24.6520, 25.9719 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, 41, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 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, 41, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 137) }
```

Border

The CSS property to change the border of an element to XYZ 46.5483, 24.6520, 25.9719 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, 41, 137) }
```


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

```
.border{ border-color:rgb(255, 41, 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, 41, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5483, 24.6520, 25.9719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 137) }
```

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

```
.background{ background-color: rgb(255, 41,  
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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