

Converting Colors

XYZ(46.3940, 25.3897, 23.1642)

Have a look what the booklet for
XYZ(46.3940, 25.3897, 23.1642)
contains.

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Color

**XYZ(46.5216, 25.4833,
23.2357)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3681
RGB	255, 54, 129
RGB Percent	100%, 21%, 51%
CMY	0.0000, 0.7882, 0.4941
CMYK	0.00, 0.79, 0.49, 0.00
HSL	338°, 100%, 61%
HSV	338°, 79%, 100%
XYZ	46.5216, 25.4833, 23.2357
YIQ	122.6490, 95.7210, 65.9370

Conversions

Conversions Part 2

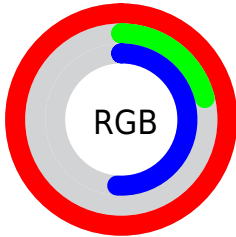
Format	Color
R_{YB}	255, 54, 129
Decimal	16725633
CIE _{Lab}	57.54, 77.04, 7.28
CIE _{LCh}	58, 77.388, 5.399
Yxy	25.4833, 0.4885, 0.2676
Android (android.graphics.Color)	4294915713 (0xFFFF3681)
YUV	122.6490, 3.1310, 116.0718
Hunter-Lab	50.4810, 76.1579, 8.0463

Details

The XYZ color **46.5216, 25.4833, 23.2357** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **45.5219, 75.6004, 55.3814**, and the grayscale version is **18.6816, 19.6545, 21.4037**.

A 20% lighter version of the original color is **56.4000, 38.0703, 48.6317**, and **23.1862, 11.7857, 8.6422** is the 20% darker color. If you saturate the color by 10%, you get **44.6489, 23.3077, 17.7726**, and if you desaturate by 10%, it is **49.1830, 28.9706, 29.7824**.

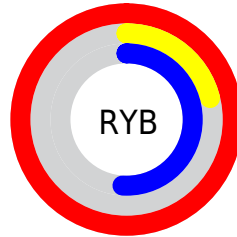
Distribution



Red (100%)

Green (21%)

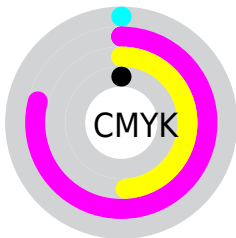
Blue (51%)



Red (100%)

Yellow (21%)

Blue (51%)

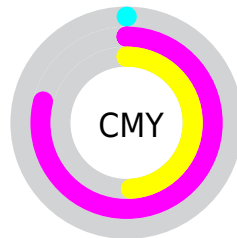


Cyan (0%)

Magenta (79%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5216, 25.4833, 23.2357 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 46.5216, 25.4833, 23.2357 by changing the saturation by 10% instead.


 46.5216, 25.4833,
23.2357


 46.5216, 25.4833,
23.2357


363.5826,
280.2363, 282.0944


 32.8640, 16.4375,
14.5607

 84.2222, 52.4402,
49.7081


 22.1810, 9.8343,
8.3685


 108.9958, 71.1201,
68.3427


 14.1073, 5.2892,
4.2405


 138.2056, 93.7801,
91.1342

 8.2775, 2.4179,
1.7582

 172.2167,
120.8047, 118.5011

 4.3263, 0.8351,
0.4002

 211.3946,
152.5782, 150.8620

 1.8884, 0.0000,
0.0000

256.1047,

 0.5701, 0.0000,

189.4851, 188.6355

0.0000

306.7122,
231.9096, 232.2401

■ 0.0000, 0.0000,
0.0000

■ 46.5216, 25.4833,
23.2357

■ 46.5216, 25.4833,
23.2357

■ 44.6489, 23.3077,
17.7726

■ 49.1830, 28.9706,
29.7824

■ 43.4316, 22.1890,
13.3099

■ 52.7237, 33.9387,
37.4777

■ 43.3116, 22.0886,
12.8399

■ 57.2231, 40.5356,
46.3819

■ 62.7506, 48.8901,
56.5497

■ 69.3691, 59.1181,
68.0321

■ 77.1360, 71.3252,
80.8772

■ 86.1049, 85.6093,
95.1303

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.



44.1952, 25.4833, 54.7244



46.5216, 25.4833, 23.2357



41.7492, 25.4833, 7.4961

Triad

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



46.5216, 25.4833, 23.2357



15.3300, 25.4833, 3.5208



17.5615, 25.4833, 104.3140

Complementary

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



46.5216, 25.4833, 23.2357



45.5219, 75.6004, 55.3814

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.



12.4479, 25.4833, 68.8068



46.5216, 25.4833, 23.2357



11.4073, 25.4833, 11.5162

Square

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



46.5216, 25.4833, 23.2357



22.5899, 25.4833, 1.6763



10.5052, 25.4833, 32.8074



25.9290, 25.4833, 115.2816

Rectangle

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



46.5216, 25.4833, 23.2357



35.7553, 25.4833, 3.4192



10.5052, 25.4833, 32.8074



15.4798, 25.4833, 94.0914

Sweetspot

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



46.5223, 25.4848, 23.2361



72.9640, 64.7453, 74.0470



37.7199, 19.3196, 96.3484



15.0426, 12.9577, 14.8903



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.



46.5223, 25.4848, 23.2361



43.8355, 22.5234, 14.9033



44.5926, 26.8994, 6.3339



18.2896, 18.0992, 20.1423



22.6975, 11.5683, 7.0574



2.2608, 1.1467, 0.9546

Inverse Universe

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



46.5223, 25.4848, 23.2361



43.8355, 22.5234, 14.9033



48.3027, 65.4658, 104.6977



18.2896, 18.0992, 20.1423



22.6975, 11.5683, 7.0574



2.2608, 1.1467, 0.9546

Previews

White Background



This preview shows how the XYZ color 46.5216, 25.4833, 23.2357 looks on a white background.

Color Contrast Check

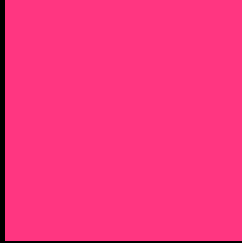
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.5216, 25.4833, 23.2357 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 46.5216, 25.4833, 23.2357

Background



This preview shows how black text looks on a background with the XYZ color 46.5216, 25.4833, 23.2357.



This preview shows how white text looks on a background with the XYZ color 46.5216, 25.4833,

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

46.5216, 25.4833, 23.2357

Protanopia

25.7368, 25.6536, 44.1526

Deuteranopia

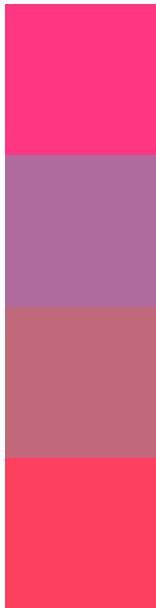
26.0154, 25.4779, 20.9993



Tritanopia

43.4427, 25.4196, 8.7477

Trichromacy



Original Color

46.5216, 25.4833, 23.2357

Protanomaly

29.1084, 22.0980, 35.0789

Deuteranomaly

30.7736, 22.8000, 21.5178

Tritanomaly

44.3172, 25.3398, 12.9112

Monochromacy



Original Color

46.5216, 25.4833, 23.2357

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

24.8639, 18.8740, 21.7346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5216, 25.4833, 23.2357 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, 54, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 129)  
}
```

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, 54, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 129) }
```

Border

The CSS property to change the border of an element to XYZ 46.5216, 25.4833, 23.2357 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, 54, 129) }
```


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

```
.border{ border-color:rgb(255, 54, 129) }
```

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

Here you see how a box with a 4 pixel rgb(255, 54, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5216, 25.4833, 23.2357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 54, 129) }
```

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

```
.background{ background-color: rgb(255, 54,  
129) }
```

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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