

Converting Colors

XYZ(46.0316, 23.5717, 25.9442)

Have a look what the booklet for
XYZ(46.0316, 23.5717, 25.9442)
contains.

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Color

**XYZ(46.0055, 23.5665,
25.7909)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1489
RGB	255, 20, 137
RGB Percent	100%, 8%, 54%
CMY	0.0000, 0.9214, 0.4627
CMYK	0.00, 0.92, 0.46, 0.00
HSL	330°, 100%, 54%
HSV	330°, 92%, 100%
XYZ	46.0055, 23.5665, 25.7909
YIQ	103.6030, 102.5030, 86.2070

Conversions

Conversions Part 2

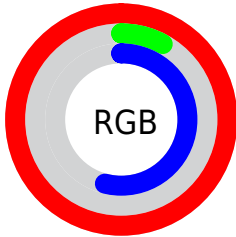
Format	Color
R_{YB}	255, 20, 137
Decimal	16716937
CIE _{Lab}	55.65, 83.74, -0.21
CIE _{LCh}	56, 83.738, 359.856
Yxy	23.5665, 0.4824, 0.2471
Android (android.graphics.Color)	4294907017 (0xFFFF1489)
YUV	103.6030, 16.4647, 132.7752
Hunter-Lab	48.5453, 84.2067, 2.4825

Details

The XYZ color **46.0055, 23.5665, 25.7909** 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 **40.6397, 73.5051, 36.1066**, and the grayscale version is **12.9966, 13.6734, 14.8904**.

A 20% lighter version of the original color is **55.4846, 34.8783, 52.5230**, and **23.4997, 11.9110, 10.2930** is the 20% darker color. If you saturate the color by 10%, you get **45.0664, 22.7905, 22.0801**, and if you desaturate by 10%, it is **47.6885, 25.3741, 31.1569**.

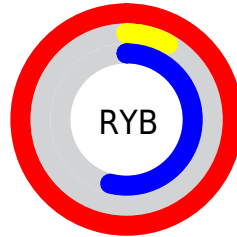
Distribution



Red (100%)

Green (8%)

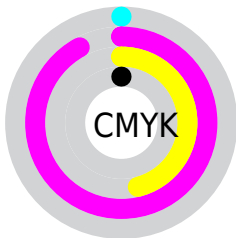
Blue (54%)



Red (100%)

Yellow (8%)

Blue (54%)

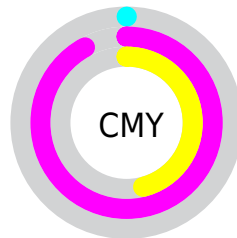


Cyan (0%)

Magenta (92%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (92%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0055, 23.5665, 25.7909 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 46.0055, 23.5665, 25.7909 by changing the saturation by 10% instead.

 46.0055, 23.5665,
25.7909


 46.0055, 23.5665,
25.7909


361.5463,
270.6215, 295.3269


 32.4548, 15.0124,
16.4429


 83.4550, 49.3219,
53.9174


 21.8663, 8.8281,
9.6804


 108.0846, 67.2919,
73.5329


 13.8748, 4.6292,
5.0847


 137.1378, 89.1693,
97.4081

 8.1147, 2.0314,
2.2375

 170.9801,
115.3385, 125.9614

 4.2209, 0.6256,
0.6959

 209.9767,
146.1840, 159.6114

 1.8278, 0.0000,
0.0000

254.4930,

 0.5344, 0.0000,

182.0900, 198.7766

0.0000

304.8945,
223.4410, 243.8756

■ 0.0000, 0.0000,
0.0000

■ 46.0055, 23.5665,
25.7909

■ 46.0055, 23.5665,
25.7909

■ 45.0664, 22.7905,
22.0801

■ 47.6885, 25.3741,
31.1569

■ 50.0720, 28.4023,
37.3120

■ 53.2515, 32.8366,
44.3054

■ 57.3061, 38.8300,
52.1795

■ 62.3046, 46.5150,
60.9730

68.3086, 56.0101,
70.7215

75.3744, 67.4229,
81.4582

83.5537, 80.8526,
93.2144

92.8951, 96.3916,
106.0199

Harmonies

Analogous

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



42.1382, 23.5665, 61.7945



46.0055, 23.5665, 25.7909



42.2078, 23.5665, 7.4630

Triad

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



46.0055, 23.5665, 25.7909



14.4981, 23.5665, 1.7961



14.4391, 23.5665, 102.4025

Complementary

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



46.0055, 23.5665, 25.7909



40.6397, 73.5051, 36.1066

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.



10.0222, 23.5665, 61.3885



46.0055, 23.5665, 25.7909



10.0489, 23.5665, 7.3640

Square

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



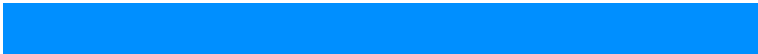
46.0055, 23.5665, 25.7909



22.4449, 23.5665, 0.8538



8.6731, 23.5665, 25.5294



22.3536, 23.5665, 121.2013

Rectangle

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



46.0055, 23.5665, 25.7909



36.3186, 23.5665, 2.8705



8.6731, 23.5665, 25.5294



12.5865, 23.5665, 89.7865

Sweetspot

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



46.0061, 23.5679, 25.7913



71.1024, 60.4970, 75.0453



28.7030, 13.0843, 95.6201



14.5965, 11.9494, 15.0990



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.



46.0061, 23.5679, 25.7913



45.0665, 22.7906, 22.0802



41.6174, 21.8124, 2.6805



18.3864, 18.1379, 20.6522



23.6235, 11.9387, 11.9338



2.3552, 1.1845, 1.4521

Inverse Universe

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



46.0061, 23.5679, 25.7913



45.0665, 22.7906, 22.0802



54.0992, 78.8889, 106.9832



18.3864, 18.1379, 20.6522



23.6235, 11.9387, 11.9338



2.3552, 1.1845, 1.4521

Previews

White Background



This preview shows how the XYZ color 46.0055, 23.5665, 25.7909 looks on a white background.

Color Contrast Check

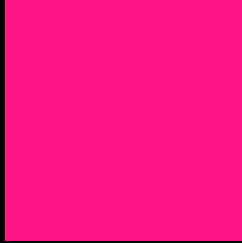
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.0055, 23.5665, 25.7909 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 46.0055, 23.5665, 25.7909

Background



This preview shows how black text looks on a background with the XYZ color 46.0055, 23.5665, 25.7909.



This preview shows how white text looks on a background with the XYZ color 46.0055, 23.5665,

25.7909.

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

46.0055, 23.5665, 25.7909

Protanopia

25.0251, 23.9988, 55.5378

Deuteranopia

24.1938, 23.6909, 23.0363



Tritanopia

42.0105, 23.7410, 6.3713

Trichromacy



Original Color

46.0055, 23.5665, 25.7909



Protanomaly

26.9960, 18.5766, 42.7202



Deuteranomaly

28.3407, 19.4478, 23.3792



Tritanomaly

42.7659, 23.1849, 11.2380

Monochromacy



Original Color

46.0055, 23.5665, 25.7909



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

19.8330, 13.3970, 18.0636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0055, 23.5665, 25.7909 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, 20, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 20, 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, 20, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 20, 137) }
```

Border

The CSS property to change the border of an element to XYZ 46.0055, 23.5665, 25.7909 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, 20, 137) }
```


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

```
.border{ border-color:rgb(255, 20, 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, 20, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 20, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 20, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 20,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0055, 23.5665, 25.7909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 20, 137) }
```

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

```
.background{ background-color: rgb(255, 20,  
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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