

Converting Colors

XYZ(57.3535, 31.0149, 26.6033)

Have a look what the booklet for
XYZ(57.3535, 31.0149, 26.6033)
contains.

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Color

**XYZ(47.0745, 25.7045,
26.1473)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3689
RGB	255, 54, 137
RGB Percent	100%, 21%, 54%
CMY	0.0000, 0.7882, 0.4627
CMYK	0.00, 0.79, 0.46, 0.00
HSL	335°, 100%, 61%
HSV	335°, 79%, 100%
XYZ	47.0745, 25.7045, 26.1473
YIQ	123.5610, 93.1530, 68.4250

Conversions

Conversions Part 2

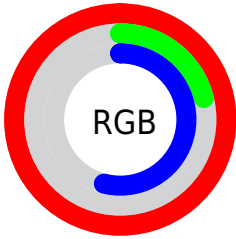
Format	Color
R_{YB}	255, 54, 137
Decimal	16725641
CIE _{Lab}	57.76, 77.68, 2.85
CIE _{LCh}	58, 77.737, 2.102
Yxy	25.7045, 0.4759, 0.2598
Android (android.graphics.Color)	4294915721 (0xFFFF3689)
YUV	123.5610, 6.6254, 115.2720
Hunter-Lab	50.6996, 77.0126, 4.9121

Details

The XYZ color **47.0745, 25.7045, 26.1473** 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 **44.7300, 75.2836, 51.2114**, and the grayscale version is **18.9718, 19.9599, 21.7363**.

A 20% lighter version of the original color is **57.2507, 38.4106, 53.1117**, and **23.4997, 11.9110, 10.2930** is the 20% darker color. If you saturate the color by 10%, you get **45.1821, 23.5210, 20.5805**, and if you desaturate by 10%, it is **49.7384, 29.1928, 32.7069**.

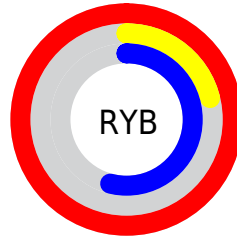
Distribution



Red (100%)

Green (21%)

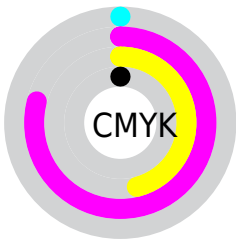
Blue (54%)



Red (100%)

Yellow (21%)

Blue (54%)

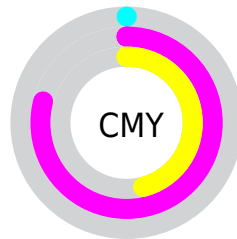


Cyan (0%)

Magenta (79%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (79%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0745, 25.7045, 26.1473 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 47.0745, 25.7045, 26.1473 by changing the saturation by 10% instead.


 47.0745, 25.7045,
26.1473


 47.0745, 25.7045,
26.1473


365.7558,
281.3285, 297.1329


 33.3027, 16.6027,
16.7071


 85.0429, 52.7978,
54.4995


 22.5188, 9.9516,
9.8661


 109.9702, 71.5582,
74.2486


 14.3573, 5.3669,
5.2059


 139.3468, 94.3068,
98.2710

 8.4530, 2.4641,
2.3077

 173.5380,
121.4282, 126.9854

 4.4404, 0.8586,
0.7355

 212.9091,
153.3066, 160.8102

 1.9542, 0.0000,
0.0000

257.8256,

 0.6080, 0.0000,

190.3266, 200.1640

0.0000

308.6527,
232.8724, 245.4654

■ 0.0000, 0.0000,
0.0000

■ 47.0745, 25.7045,
26.1473

■ 47.0745, 25.7045,
26.1473

■ 45.1821, 23.5210,
20.5805

■ 49.7384, 29.1928,
32.7069

■ 43.9295, 22.3882,
15.9319

■ 53.2629, 34.1544,
40.3168

■ 43.8044, 22.2857,
15.4348

■ 57.7260, 40.7368,
49.0301

■ 63.1960, 49.0684,
58.8950

■ 69.7346, 59.2644,
69.9565

■ 77.3981, 71.4302,
82.2569

■ 86.2390, 85.6631,
95.8360

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.



43.9402, 25.7045, 59.5288



47.0745, 25.7045, 26.1473



42.9753, 25.7045, 8.6127

Triad

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



47.0745, 25.7045, 26.1473



16.0911, 25.7045, 3.1371



16.9684, 25.7045, 102.2717

Complementary

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



47.0745, 25.7045, 26.1473



44.7300, 75.2836, 51.2114

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.



12.1770, 25.7045, 65.0856



47.0745, 25.7045, 26.1473



11.7685, 25.7045, 10.1859

Square

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



47.0745, 25.7045, 26.1473



23.7799, 25.7045, 1.6487



10.5413, 25.7045, 29.9128



25.0946, 25.7045, 116.9971

Rectangle

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



47.0745, 25.7045, 26.1473



37.1766, 25.7045, 3.8814



10.5413, 25.7045, 29.9128



14.9932, 25.7045, 91.1705

Sweetspot

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



47.0752, 25.7060, 26.1477



73.2826, 64.8727, 75.7246



36.2205, 18.5467, 96.2782



15.1184, 12.9880, 15.2890



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.



47.0752, 25.7060, 26.1477



44.3486, 22.7286, 17.6054



44.1444, 26.0031, 6.1845



18.3204, 18.1115, 20.3041



22.9588, 11.6728, 8.4335



2.2882, 1.1577, 1.0991

Inverse Universe

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



47.0752, 25.7060, 26.1477



44.3486, 22.7286, 17.6054



50.2198, 69.3000, 105.3368



18.3204, 18.1115, 20.3041



22.9588, 11.6728, 8.4335



2.2882, 1.1577, 1.0991

Previews

White Background



This preview shows how the XYZ color 47.0745, 25.7045, 26.1473 looks on a white background.

Color Contrast Check

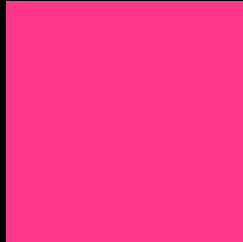
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.0745, 25.7045, 26.1473 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 47.0745, 25.7045, 26.1473

Background



This preview shows how black text looks on a background with the XYZ color 47.0745, 25.7045, 26.1473.



This preview shows how white text looks on a background with the XYZ color 47.0745, 25.7045,

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

47.0745, 25.7045, 26.1473

Protanopia

26.3068, 25.8297, 49.4981

Deuteranopia

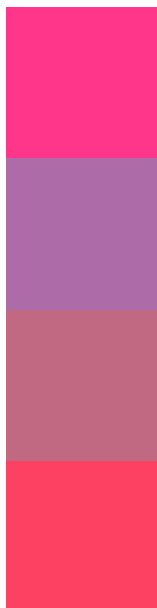
26.2605, 25.7506, 23.6650



Tritanopia

43.7322, 25.8382, 9.3389

Trichromacy



Original Color

47.0745, 25.7045, 26.1473

Protanomaly

29.5592, 22.2268, 39.7780

Deuteranomaly

31.1406, 23.0793, 24.2862

Tritanomaly

44.6029, 25.5451, 14.1351

Monochromacy



Original Color

47.0745, 25.7045, 26.1473

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

25.4375, 19.2793, 23.1495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0745, 25.7045, 26.1473 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 54, 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, 54, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 54, 137) }
```

Border

The CSS property to change the border of an element to XYZ 47.0745, 25.7045, 26.1473 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, 137) }
```


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

```
.border{ border-color:rgb(255, 54, 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, 54, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 54, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 54, 137);  
box-shadow:4px 4px 4px 4px rgb(255, 54,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0745, 25.7045, 26.1473 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, 137) }
```

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

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