

Converting Colors

XYZ(45.9433, 25.8975, 18.2000)

Have a look what the booklet for
XYZ(45.9433, 25.8975, 18.2000)
contains.

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Color

**XYZ(45.9433, 25.8975,
18.2000)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3E71
RGB	255, 62, 113
RGB Percent	100%, 24%, 44%
CMY	0.0000, 0.7568, 0.5569
CMYK	0.00, 0.76, 0.56, 0.00
HSL	344°, 100%, 62%
HSV	344°, 76%, 100%
XYZ	45.9433, 25.8975, 18.2000
YIQ	125.5210, 98.6570, 56.7770

Conversions

Conversions Part 2

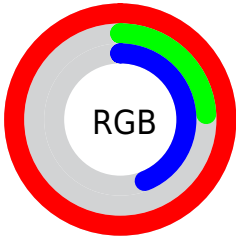
Format	Color
R_{YB}	255, 62, 113
Decimal	16727665
CIE _{Lab}	57.94, 73.70, 17.31
CIE _{LCh}	58, 75.703, 13.219
Yxy	25.8975, 0.5102, 0.2876
Android (android.graphics.Color)	4294917745 (0xFFFF3E71)
YUV	125.5210, -6.1729, 113.5531
Hunter-Lab	50.8896, 72.0937, 14.4184

Details

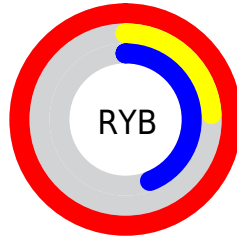
The XYZ color **45.9433, 25.8975, 18.2000** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **48.6481, 76.9047, 69.4154**, and the grayscale version is **19.6676, 20.6919, 22.5335**.

A 20% lighter version of the original color is **55.2745, 38.6076, 39.6607**, and **22.4692, 11.4697, 6.1839** is the 20% darker color. If you saturate the color by 10%, you get **43.9175, 23.3655, 12.8409**, and if you desaturate by 10%, it is **48.8385, 29.8194, 24.9266**.

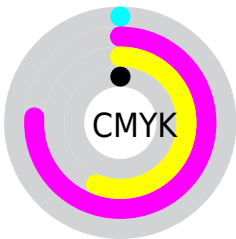
Distribution



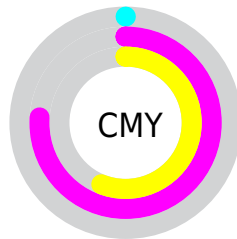
- Red (100%)
- Green (24%)
- Blue (44%)



- Red (100%)
- Yellow (24%)
- Blue (44%)



- Cyan (0%)
- Magenta (76%)
- Yellow (56%)
- Black (0%)





- Cyan (0%)
- Magenta (76%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9433, 25.8975, 18.2000 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 45.9433, 25.8975, 18.2000 by changing the saturation by 10% instead.


 45.9433, 25.8975,
18.2000


 45.9433, 25.8975,
18.2000


361.3004,
282.2786, 254.2698


 32.4055, 16.7470,
10.9227


 83.3625, 53.1095,
41.1964


 21.8285, 10.0543,
5.9014


 107.9747, 71.9398,
57.7525

 13.8468, 5.4349,
2.7174


 137.0090, 94.7655,
78.2388

 8.0952, 2.5047,
0.9522

 170.8308,
121.9710, 103.0736

 4.2082, 0.8790,
0.0000

 209.8055,
153.9406, 132.6756

 1.8206, 0.0000,
0.0000

254.2984,

 0.5300, 0.0000,

191.0589, 167.4633

0.0000

304.6749,
233.7100, 207.8552

■ 0.0000, 0.0000,
0.0000

■ 45.9433, 25.8975,
18.2000

■ 45.9433, 25.8975,
18.2000

■ 43.9175, 23.3655,
12.8409

■ 48.8385, 29.8194,
24.9266

■ 42.6460, 22.0141,
8.7435


■ 52.6941, 35.2924,
33.1117


■ 42.2641, 21.6696,
7.3237

■ 57.5909, 42.4603,
42.8390

■ 63.6006, 51.4490,
54.1850

■ 70.7882, 62.3727,
67.2213

 79.2136, 75.3359,
82.0147

 88.9325, 90.4357,
98.6284

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.



45.5168, 25.8975, 45.3300



45.9433, 25.8975, 18.2000



39.7375, 25.8975, 5.8906

Triad

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



45.9433, 25.8975, 18.2000



14.4512, 25.8975, 5.1469



19.8900, 25.8975, 108.8192

Complementary

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



45.9433, 25.8975, 18.2000



48.6481, 76.9047, 69.4154

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.



13.9173, 25.8975, 78.4827



45.9433, 25.8975, 18.2000



11.3510, 25.8975, 16.0390

Square

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



45.9433, 25.8975, 18.2000



20.8177, 25.8975, 2.1177



11.1834, 25.8975, 41.3157



28.8476, 25.8975, 110.8197

Rectangle

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



45.9433, 25.8975, 18.2000



33.3942, 25.8975, 2.9251



11.1834, 25.8975, 41.3157



17.5271, 25.8975, 101.0194

Sweetspot

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



45.9439, 25.8990, 18.2004



72.9231, 65.6436, 71.0120



44.5484, 23.4388, 96.7836



14.9972, 13.1143, 14.1124



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.



45.9439, 25.8990, 18.2004



43.1557, 22.5149, 10.5116



47.3721, 32.1325, 8.2649



18.2064, 18.0659, 19.7040



22.1360, 11.3437, 4.1005



2.1981, 1.1216, 0.6245

Inverse Universe

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



45.9439, 25.8990, 18.2004



43.1557, 22.5149, 10.5116



43.0766, 54.3228, 102.8224



18.2064, 18.0659, 19.7040



22.1360, 11.3437, 4.1005



2.1981, 1.1216, 0.6245

Previews

White Background



This preview shows how the XYZ color 45.9433, 25.8975, 18.2000 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 45.9433, 25.8975, 18.2000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

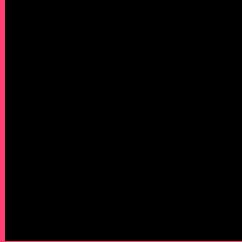
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.9433, 25.8975, 18.2000

Background



This preview shows how black text looks on a background with the XYZ color 45.9433, 25.8975, 18.2000.



This preview shows how white text looks on a background with the XYZ color 45.9433, 25.8975,

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

45.9433, 25.8975, 18.2000

Protanopia

25.4660, 26.1886, 32.9909

Deuteranopia

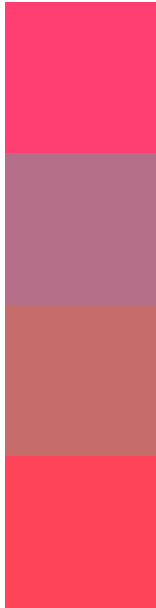
26.5408, 26.0490, 16.7258



Tritanopia

43.9973, 25.8835, 9.1557

Trichromacy



Original Color

45.9433, 25.8975, 18.2000

Protanomaly

29.2559, 22.9988, 26.5642

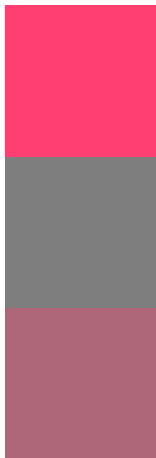
Deuteranomaly

31.3051, 23.7924, 16.8524

Tritanomaly

44.7016, 25.9097, 11.8775

Monochromacy



Original Color

45.9433, 25.8975, 18.2000

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

25.5350, 19.9652, 20.5970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9433, 25.8975, 18.2000 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, 62, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 62, 113)  
}
```

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, 62, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 113) }
```

Border

The CSS property to change the border of an element to XYZ 45.9433, 25.8975, 18.2000 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, 62, 113) }
```


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

```
.border{ border-color:rgb(255, 62, 113) }
```

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

Here you see how a box with a 4 pixel rgb(255, 62, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9433, 25.8975, 18.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 62, 113) }
```

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

```
.background{ background-color: rgb(255, 62,  
113) }
```

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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