

Converting Colors

XYZ(45.3665, 25.0965, 16.9210)

Have a look what the booklet for
XYZ(45.3665, 25.0965, 16.9210)
contains.

XYZ(45.3665, 25.0965, 16.9210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.3665, 25.0965,
16.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	FF376D
RGB	255, 55, 109
RGB Percent	100%, 22%, 43%
CMY	0.0000, 0.7842, 0.5725
CMYK	0.00, 0.78, 0.57, 0.00
HSL	344°, 100%, 61%
HSV	344°, 78%, 100%
XYZ	45.3665, 25.0965, 16.9210
YIQ	120.9560, 101.8660, 59.1940

Conversions

Conversions Part 2

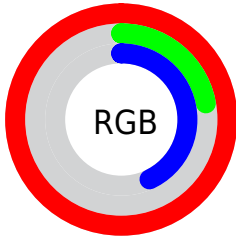
Format	Color
R_{YB}	255, 55, 109
Decimal	16725869
CIE _{Lab}	57.17, 75.37, 18.63
CIE _{LCh}	57, 77.636, 13.882
Yxy	25.0965, 0.5192, 0.2872
Android (android.graphics.Color)	4294915949 (0xFFFF376D)
YUV	120.9560, -5.8943, 117.5566
Hunter-Lab	50.0964, 73.9780, 15.0412

Details

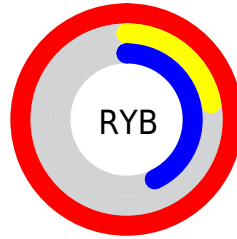
The XYZ color **45.3665, 25.0965, 16.9210** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **47.8807, 76.5501, 67.5201**, and the grayscale version is **18.1575, 19.1031, 20.8032**.

A 20% lighter version of the original color is **54.3016, 37.2310, 37.5820**, and **22.3554, 11.4242, 5.5843** is the 20% darker color. If you saturate the color by 10%, you get **43.5538, 22.9089, 11.8851**, and if you desaturate by 10%, it is **48.0175, 28.6216, 23.2838**.

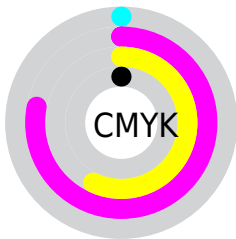
Distribution



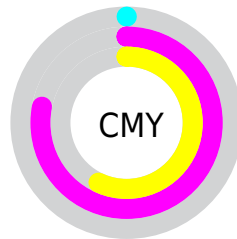
- Red (100%)
- Green (22%)
- Blue (43%)



- Red (100%)
- Yellow (22%)
- Blue (43%)



- Cyan (0%)
- Magenta (78%)
- Yellow (57%)
- Black (0%)



- Cyan (0%)
- Magenta (78%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3665, 25.0965, 16.9210 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 45.3665, 25.0965, 16.9210 by changing the saturation by 10% instead.

 45.3665, 25.0965,
16.9210


 45.3665, 25.0965,
16.9210


359.0146,
278.3182, 246.7452


 31.9487, 16.1490,
10.0168


 82.5038, 51.8137,
38.9787

 21.4777, 9.6296,
5.3044


 106.9540, 70.3522,
54.9693


 13.5881, 5.1541,
2.3651


 135.8124, 92.8565,
74.8257

 7.9145, 2.3380,
0.7673

 169.4444,
119.7109, 98.9666

 4.0916, 0.7937,
0.0000

 208.2152,
151.2999, 127.8105

 1.7541, 0.0000,
0.0000

252.4903,

 0.4898, 0.0000,

188.0078, 161.7758

0.0000

302.6350,
230.2191, 201.2812

■ 0.0000, 0.0000,
0.0000

■ 45.3665, 25.0965,
16.9210

■ 45.3665, 25.0965,
16.9210

■ 43.5538, 22.9089,
11.8851

■ 48.0175, 28.6216,
23.2838

■ 42.4455, 21.8119,
8.0642

■ 51.6020, 33.6539,
31.0655

■ 42.3089, 21.6875,
7.5596

■ 56.2035, 40.3427,
40.3503

■ 61.8954, 48.8177,
51.2150

■ 68.7441, 59.1958,
63.7311

■ 76.8107, 71.5840,
77.9653

■ 86.1517, 86.0811,
93.9805

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.



45.0940, 25.0965, 43.8603



45.3665, 25.0965, 16.9210



38.9360, 25.0965, 5.1521

Triad

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



45.3665, 25.0965, 16.9210



13.6079, 25.0965, 4.7078



19.2898, 25.0965, 110.0927

Complementary

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



45.3665, 25.0965, 16.9210



47.8807, 76.5501, 67.5201

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.



13.2763, 25.0965, 79.3350



45.3665, 25.0965, 16.9210



10.6170, 25.0965, 15.5769

Square

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



45.3665, 25.0965, 16.9210



19.8718, 25.0965, 1.7828



10.5137, 25.0965, 41.3050



28.3344, 25.0965, 111.3877

Rectangle

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



45.3665, 25.0965, 16.9210



32.4788, 25.0965, 2.4477



10.5137, 25.0965, 41.3050



16.9088, 25.0965, 102.2639

Sweetspot

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



45.3671, 25.0980, 16.9214



72.1601, 64.4237, 69.8141



42.7947, 22.0056, 96.5993



14.8525, 12.8817, 13.8890



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.



45.3671, 25.0980, 16.9214



42.8632, 22.1894, 9.6143



46.3299, 30.3362, 7.0301



18.2107, 18.0676, 19.7269



22.1602, 11.3534, 4.2283



2.2009, 1.1228, 0.6396

Inverse Universe

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



45.3671, 25.0980, 16.9214



42.8632, 22.1894, 9.6143



43.0874, 54.9547, 102.9437



18.2107, 18.0676, 19.7269



22.1602, 11.3534, 4.2283



2.2009, 1.1228, 0.6396

Previews

White Background



This preview shows how the XYZ color 45.3665, 25.0965, 16.9210 looks on a white background.

Color Contrast Check

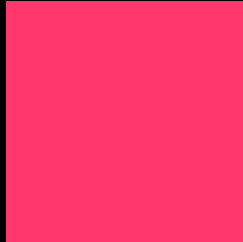
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.3665, 25.0965, 16.9210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

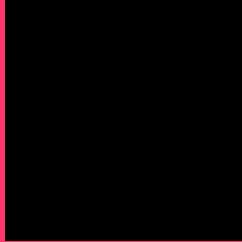
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.3665, 25.0965, 16.9210

Background



This preview shows how black text looks on a background with the XYZ color 45.3665, 25.0965, 16.9210.



This preview shows how white text looks on a background with the XYZ color 45.3665, 25.0965,

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

45.3665, 25.0965, 16.9210

Protanopia

24.6075, 25.3478, 31.6126

Deuteranopia

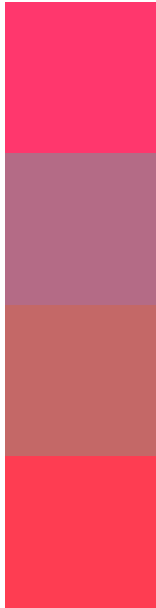
25.6077, 25.1899, 15.3169



Tritanopia

43.4114, 25.0685, 7.8609

Trichromacy



Original Color

45.3665, 25.0965, 16.9210

Protanomaly

28.3832, 21.9399, 25.2931

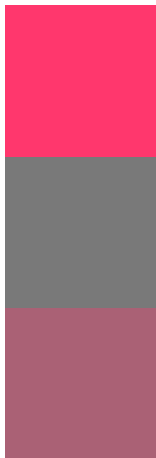
Deuteranomaly

30.1634, 22.6157, 15.6074

Tritanomaly

44.0648, 25.0175, 10.4890

Monochromacy



Original Color

45.3665, 25.0965, 16.9210

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

24.0631, 18.3798, 19.1090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3665, 25.0965, 16.9210 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, 55, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 109)  
}
```

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, 55, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 109) }
```

Border

The CSS property to change the border of an element to XYZ 45.3665, 25.0965, 16.9210 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, 55, 109) }
```


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

```
.border{ border-color:rgb(255, 55, 109) }
```

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

Here you see how a box with a 4 pixel rgb(255, 55, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3665, 25.0965, 16.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 109) }
```

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

```
.background{ background-color: rgb(255, 55,  
109) }
```

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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