

Converting Colors

XYZ(45.4043, 27.3903, 23.5086)

Have a look what the booklet for
XYZ(45.4043, 27.3903, 23.5086)
contains.

XYZ(45.3375, 27.3937, 23.6668)	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(45.3375, 27.3937,
23.6668)**

Conversions

Conversions Part 1

Format	Color
Hex	F75281
RGB	247, 82, 129
RGB Percent	97%, 32%, 51%
CMY	0.0314, 0.6784, 0.4941
CMYK	0.00, 0.67, 0.48, 0.03
HSL	343°, 91%, 65%
HSV	343°, 67%, 97%
XYZ	45.3375, 27.3937, 23.6668
YIQ	136.6930, 83.2530, 49.5970

Conversions

Conversions Part 2

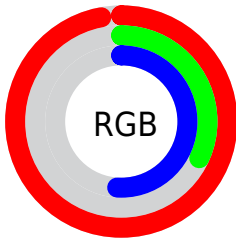
Format	Color
RYB	247, 82, 129
Decimal	16208513
CIELab	59.34, 65.94, 9.64
CIElCh	59, 66.642, 8.317
Yxy	27.3937, 0.4703, 0.2842
Android (android.graphics.Color)	4294398593 (0xFFFF75281)
YUV	136.6930, -3.7926, 96.7392
Hunter-Lab	52.3390, 63.0285, 9.8274

Details

The XYZ color **45.3375, 27.3937, 23.6668** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **47.1677, 72.4862, 66.1546**, and the grayscale version is **23.6553, 24.8872, 27.1022**.

A 20% lighter version of the original color is **59.0616, 43.3936, 49.5189**, and **21.4556, 10.8935, 8.5612** is the 20% darker color. If you saturate the color by 10%, you get **42.7239, 23.8862, 17.4946**, and if you desaturate by 10%, it is **48.8255, 32.3253, 31.1324**.

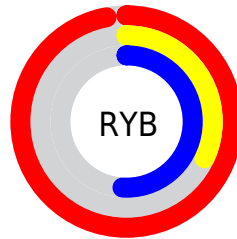
Distribution



Red (97%)

Green (32%)

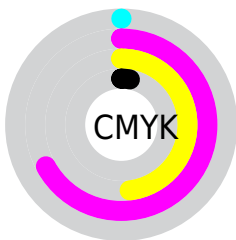
Blue (51%)



Red (97%)

Yellow (32%)

Blue (51%)

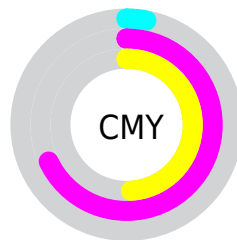


Cyan (0%)

Magenta (67%)

Yellow (48%)

Black (3%)



Cyan (3%)


Magenta (68%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3375, 27.3937, 23.6668 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 45.3375, 27.3937, 23.6668 by changing the saturation by 10% instead.


 45.3375, 27.3937,
23.6668


 45.3375, 27.3937,
23.6668


358.8995,
289.5583, 284.3637


 31.9258, 17.8691,
14.8767


 82.4606, 55.5150,
50.4229

 21.4601, 10.8561,
8.5873


 106.9026, 74.8805,
69.2260

 13.5751, 5.9701,
4.3798

 135.7522, 98.2951,
92.2039

 7.9054, 2.8269,
1.8360

 169.3745,
126.1432, 119.7751

 4.0858, 1.0421,
0.4515

208.1351,
158.8091, 152.3581

 1.7508, 0.0000,
0.0000

252.3992,

 0.4877, 0.0000,

196.6774, 190.3715

0.0000

302.5322,
240.1323, 234.2339

■ 0.0000, 0.0000,
0.0000

■ 45.3375, 27.3937,
23.6668

■ 45.3375, 27.3937,
23.6668

■ 42.7239, 23.8862,
17.4946

■ 48.8255, 32.3253,
31.1324

■ 40.8964, 21.6425,
12.5342

■ 53.2599, 38.8094,
39.9627


■ 39.7482, 20.4677,
8.6940

■ 58.7077, 46.9653,
50.2249


■ 39.4742, 20.2207,
7.6745

■ 65.2287, 56.8990,
61.9810

■ 72.8781, 68.7079,
75.2895

 81.7072, 82.4824,
90.2054

 91.7640, 98.3067,
106.7810

 92.1677, 98.5141,
108.7651

Harmonies

Analogous

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



43.9542, 27.3937, 50.2076



45.3375, 27.3937, 23.6668



40.7479, 27.3937, 9.4572

Triad

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



45.3375, 27.3937, 23.6668



17.3089, 27.3937, 6.3611



20.5520, 27.3937, 96.0594

Complementary

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



45.3375, 27.3937, 23.6668



47.1677, 72.4862, 66.1546

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.



15.3762, 27.3937, 68.3064



45.3375, 27.3937, 23.6668



13.8010, 27.3937, 15.8772

Square

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



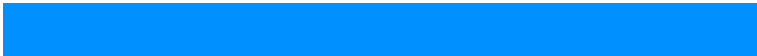
45.3375, 27.3937, 23.6668



23.7862, 27.3937, 3.5595



13.1782, 27.3937, 36.9731



28.4252, 27.3937, 102.2176

Rectangle

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



45.3375, 27.3937, 23.6668



35.3963, 27.3937, 5.3341



13.1782, 27.3937, 36.9731



18.4924, 27.3937, 88.4337

Sweetspot

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



45.3382, 27.3952, 23.6673



75.5566, 69.5352, 76.1299



42.9644, 24.6898, 90.4966



15.6741, 14.1141, 15.4291



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.



45.3382, 27.3952, 23.6673



45.1896, 24.7340, 16.8888



46.0127, 32.6468, 11.8610



16.6932, 16.5601, 18.1308



20.9292, 10.7151, 4.3353



1.8818, 0.9587, 0.6041

Inverse Universe

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



45.3382, 27.3952, 23.6673



45.1896, 24.7340, 16.8888



44.3160, 56.6037, 96.5854



16.6932, 16.5601, 18.1308



20.9292, 10.7151, 4.3353



1.8818, 0.9587, 0.6041

Previews

White Background



This preview shows how the XYZ color 45.3375, 27.3937, 23.6668 looks on a white background.

Color Contrast Check

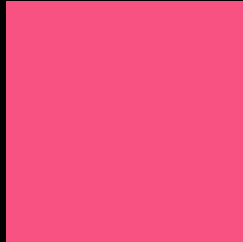
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.3375, 27.3937, 23.6668 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 45.3375, 27.3937, 23.6668

Background



This preview shows how black text looks on a background with the XYZ color 45.3375, 27.3937, 23.6668.



This preview shows how white text looks on a background with the XYZ color 45.3375, 27.3937,

23.6668.

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

45.3375, 27.3937, 23.6668

Protanopia

27.0098, 27.5301, 38.0727

Deuteranopia

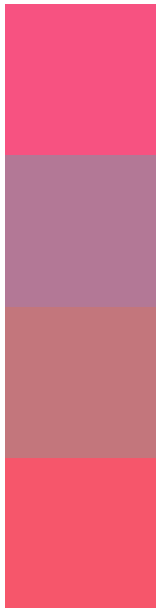
28.0567, 27.5568, 21.9294



Tritanopia

43.2489, 27.3654, 13.5923

Trichromacy



Original Color

45.3375, 27.3937, 23.6668

Protanomaly

30.8119, 25.2187, 32.0979

Deuteranomaly

32.6222, 26.0142, 22.3706

Tritanomaly

43.9877, 27.3099, 16.8629

Monochromacy



Original Color

45.3375, 27.3937, 23.6668

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

28.7958, 23.7909, 25.6287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3375, 27.3937, 23.6668 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(247, 82, 129)` looks like.

```
.text, #text, p{  
    color:rgb(247, 82, 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(247, 82, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 82, 129) }
```

Border

The CSS property to change the border of an element to XYZ 45.3375, 27.3937, 23.6668 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(247, 82, 129) }
```


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

```
.border{ border-color:rgb(247, 82, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 82, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 82, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 82, 129);  
box-shadow:4px 4px 4px 4px rgb(247, 82,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3375, 27.3937, 23.6668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 82, 129) }
```

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

```
.background{ background-color: rgb(247, 82,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor