

Converting Colors

XYZ(45.2334, 28.8693, 14.9926)

Have a look what the booklet for
XYZ(45.2334, 28.8693, 14.9926)
contains.

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Color

**XYZ(45.2334, 28.8693,
14.9926)**

Conversions

Conversions Part 1

Format	Color
Hex	F95D63
RGB	249, 93, 99
RGB Percent	98%, 36%, 39%
CMY	0.0235, 0.6353, 0.6118
CMYK	0.00, 0.63, 0.60, 0.02
HSL	358°, 93%, 67%
HSV	358°, 63%, 98%
XYZ	45.2334, 28.8693, 14.9926
YIQ	140.3280, 91.0500, 34.9380

Conversions

Conversions Part 2

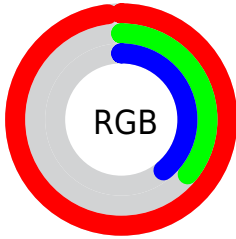
Format	Color
R_{YB}	249, 93, 99
Decimal	16342371
CIE Lab	60.67, 59.91, 28.91
CIE LCh	61, 66.522, 25.756
Yxy	28.8693, 0.5077, 0.3240
Android (android.graphics.Color)	4294532451 (0xFFFF95D63)
YUV	140.3280, -20.3747, 95.3053
Hunter-Lab	53.7302, 56.2447, 21.0671

Details

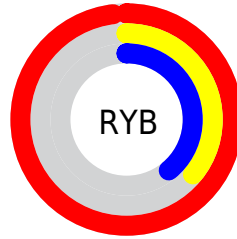
The XYZ color **45.2334, 28.8693, 14.9926** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **54.5697, 76.5503, 96.7004**, and the grayscale version is **25.1082, 26.4158, 28.7668**.

A 20% lighter version of the original color is **57.6514, 45.2747, 34.5545**, and **21.3566, 11.6247, 4.4863** is the 20% darker color. If you saturate the color by 10%, you get **42.4124, 24.7960, 9.2175**, and if you desaturate by 10%, it is **49.1062, 34.5039, 22.7923**.

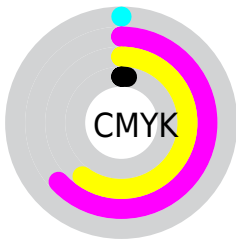
Distribution



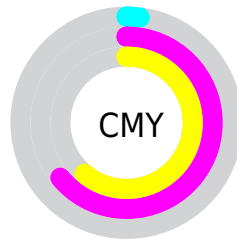
- Red (98%)
- Green (36%)
- Blue (39%)



- Red (98%)
- Yellow (36%)
- Blue (39%)



- Cyan (0%)
- Magenta (63%)
- Yellow (60%)
- Black (2%)





- Cyan (2%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2334, 28.8693, 14.9926 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 45.2334, 28.8693, 14.9926 by changing the saturation by 10% instead.


 45.2334, 28.8693,
14.9926


 45.2334, 28.8693,
14.9926


358.4858,
296.5978, 234.9607


 31.8434, 18.9820,
8.6676


 82.3055, 57.8694,
35.5823

 21.3969, 11.6573,
4.4312


 106.7182, 77.7509,
50.6841

 13.5285, 6.5107,
1.8647


 135.5359,
101.7326, 69.5487

 7.8730, 3.1581,
0.4702


 169.1238,
130.1989, 92.5944

 4.0649, 1.2148,
0.0000

207.8475,
163.5342, 120.2400

 1.7389, 0.0737,
0.0000

252.0721,

 0.4804, 0.0000,

202.1228, 152.9038

0.0000

302.1631,
246.3492, 191.0045

■ 0.0000, 0.0000,
0.0000

■ 45.2334, 28.8693,
14.9926

■ 45.2334, 28.8693,
14.9926

■ 42.4124, 24.7960,
9.2175

■ 49.1062, 34.5039,
22.7923

■ 40.5383, 22.1227,
5.2786

■ 54.1183, 41.8305,
32.7794

■ 39.4879, 20.6623,
2.9542

■ 60.3504, 50.9717,
45.1017

■ 39.1191, 20.1606,
2.1042

■ 67.8754, 62.0371,
59.8936

■ 76.7603, 75.1281,
77.2795

87.0676, 90.3386,
97.3752

92.8767, 98.8796,
108.7983

Harmonies

Analogous

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



47.5043, 28.8693, 35.0783



45.2334, 28.8693, 14.9926



37.8603, 28.8693, 6.2604

Triad

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



45.2334, 28.8693, 14.9926



15.8942, 28.8693, 11.5772



26.2312, 28.8693, 106.4874

Complementary

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



45.2334, 28.8693, 14.9926



54.5697, 76.5503, 96.7004

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.



19.1311, 28.8693, 89.2483



45.2334, 28.8693, 14.9926



14.0095, 28.8693, 28.0508

Square

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



45.2334, 28.8693, 14.9926



20.8502, 28.8693, 5.1374



15.0572, 28.8693, 56.8944



35.2883, 28.8693, 96.4773

Rectangle

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



45.2334, 28.8693, 14.9926



31.7220, 28.8693, 4.2243



15.0572, 28.8693, 56.8944



23.5607, 28.8693, 103.5180

Sweetspot

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



45.2341, 28.8709, 14.9931



74.8797, 70.2422, 69.5513



57.3579, 33.4059, 93.0470



15.4777, 14.2253, 13.8100



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.



45.2341, 28.8709, 14.9931



44.1997, 25.3548, 8.5416



54.1766, 47.1974, 16.6128



17.2716, 17.2360, 18.0201



20.9516, 10.7964, 1.1877



1.9497, 1.0036, 0.1584

Inverse Universe

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



45.2341, 28.8709, 14.9931



44.1997, 25.3548, 8.5416



37.6949, 41.3289, 95.6126



17.2716, 17.2360, 18.0201



20.9516, 10.7964, 1.1877



1.9497, 1.0036, 0.1584

Previews

White Background



This preview shows how the XYZ color 45.2334, 28.8693, 14.9926 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 45.2334, 28.8693, 14.9926 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 45.2334, 28.8693, 14.9926

Background



This preview shows how black text looks on a background with the XYZ color 45.2334, 28.8693, 14.9926.



This preview shows how white text looks on a background with the XYZ color 45.2334, 28.8693,

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

45.2334, 28.8693, 14.9926

Protanopia

27.3093, 28.9315, 22.5573

Deuteranopia

29.3979, 28.8586, 13.9184



Tritanopia

45.2334, 28.8693, 14.9926

Trichromacy



Original Color

45.2334, 28.8693, 14.9926

Protanomaly

31.6129, 27.2125, 19.5059

Deuteranomaly

33.7319, 27.6706, 14.1528

Tritanomaly

45.2334, 28.8693, 14.9926

Monochromacy



Original Color

45.2334, 28.8693, 14.9926

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

29.6070, 25.3499, 22.7346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2334, 28.8693, 14.9926 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(249, 93, 99)` looks like.

```
.text, #text, p{  
    color:rgb(249, 93, 99)  
}
```

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(249, 93, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 93, 99) }
```

Border

The CSS property to change the border of an element to XYZ 45.2334, 28.8693, 14.9926 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(249, 93, 99) }
```


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

```
.border{ border-color:rgb(249, 93, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 93, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 93, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 93, 99);  
box-shadow:4px 4px 4px 4px rgb(249, 93,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2334, 28.8693, 14.9926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 93, 99) }
```

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

```
.background{ background-color: rgb(249, 93,  
99) }
```

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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