

Converting Colors

XYZ(45.7504, 28.9026, 25.1711)

Have a look what the booklet for
XYZ(45.7504, 28.9026, 25.1711)
contains.

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Color

**XYZ(45.7354, 28.9071,
24.9989)**

Conversions

Conversions Part 1

Format	Color
Hex	F55D84
RGB	245, 93, 132
RGB Percent	96%, 36%, 52%
CMY	0.0392, 0.6353, 0.4824
CMYK	0.00, 0.62, 0.46, 0.04
HSL	345°, 88%, 66%
HSV	345°, 62%, 96%
XYZ	45.7354, 28.9071, 24.9989
YIQ	142.8940, 78.0730, 44.3530

Conversions

Conversions Part 2

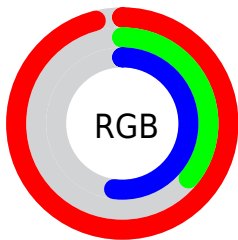
Format	Color
R_{YB}	245, 93, 132
Decimal	16080260
CIE _{Lab}	60.70, 61.21, 9.77
CIE _{LCh}	61, 61.983, 9.073
Yxy	28.9071, 0.4590, 0.2901
Android (android.graphics.Color)	4294270340 (0xFFFF55D84)
YUV	142.8940, -5.3707, 89.5470
Hunter-Lab	53.7653, 57.7515, 10.0681

Details

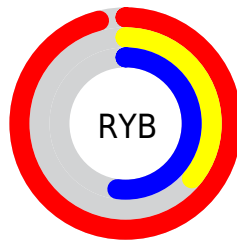
The XYZ color **45.7354, 28.9071, 24.9989** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **48.3090, 72.0889, 69.7661**, and the grayscale version is **26.0663, 27.4238, 29.8645**.

A 20% lighter version of the original color is **60.9033, 46.5755, 51.6790**, and **21.7679, 11.6936, 9.2934** is the 20% darker color. If you saturate the color by 10%, you get **42.7792, 24.8186, 18.3915**, and if you desaturate by 10%, it is **49.5993, 34.4629, 32.9830**.

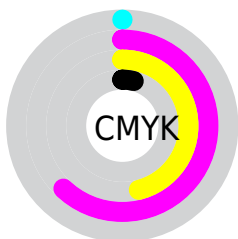
Distribution



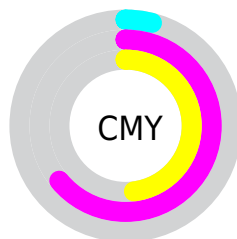
- Red (96%)
- Green (36%)
- Blue (52%)



- Red (96%)
- Yellow (36%)
- Blue (52%)



- Cyan (0%)
- Magenta (62%)
- Yellow (46%)
- Black (4%)





- Cyan (4%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.7354, 28.9071, 24.9989 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 45.7354, 28.9071, 24.9989 by changing the saturation by 10% instead.


 45.7354, 28.9071,
24.9989


 45.7354, 28.9071,
24.9989

360.4776,
296.7764, 291.2800


 32.2408, 19.0106,
15.8572


 83.0532, 57.9295,
52.6195


 21.7019, 11.6779,
9.2699


 107.6070, 77.8240,
71.9356

 13.7534, 6.5248,
4.8184


 136.5780,
101.8201, 95.4802

 8.0299, 3.1667,
2.0843

 170.3315,
130.3021, 123.6718

 4.1661, 1.2194,
0.6064

209.2329,
163.6543, 156.9291

 1.7965, 0.0774,
0.0000

253.6475,

 0.5156, 0.0000,

202.2611, 195.6705

0.0000

303.9406,
246.5070, 240.3146

■ 0.0000, 0.0000,
0.0000

■ 45.7354, 28.9071,
24.9989

■ 45.7354, 28.9071,
24.9989

■ 42.7792, 24.8186,
18.3915

■ 49.5993, 34.4629,
32.9830

■ 40.6488, 22.0511,
13.0770

■ 54.4385, 41.6043,
42.4175

■ 39.2499, 20.4365,
8.9633

■ 60.3167, 50.4429,
53.3721

■ 38.5492, 19.7697,
6.4652

■ 67.2914, 61.0789,
65.9116

■ 75.4157, 73.6046,
80.0969

84.7392, 88.1060,
95.9857

91.4661, 98.1524,
108.7323

Harmonies

Analogous

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



44.5850, 28.9071, 50.0773



45.7354, 28.9071, 24.9989



41.3038, 28.9071, 11.0085

Triad

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



45.7354, 28.9071, 24.9989



18.8405, 28.9071, 8.1016



22.3170, 28.9071, 93.5529

Complementary

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



45.7354, 28.9071, 24.9989



48.3090, 72.0889, 69.7661

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.



17.1395, 28.9071, 68.4246



45.7354, 28.9071, 24.9989



15.4212, 28.9071, 18.1656

Square

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



45.7354, 28.9071, 24.9989



25.1097, 28.9071, 4.8781



14.8659, 28.9071, 38.9826



29.9850, 28.9071, 98.5292

Rectangle

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



45.7354, 28.9071, 24.9989



36.2076, 28.9071, 6.7283



14.8659, 28.9071, 38.9826



20.2737, 28.9071, 86.7517

Sweetspot

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



45.7362, 28.9087, 24.9994



76.2274, 70.7813, 76.6481



45.4271, 27.3266, 89.2663



15.7970, 14.3530, 15.4913



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.



45.7362, 28.9087, 24.9994



46.2836, 26.4227, 18.7927



47.4134, 35.7651, 14.7624



16.6736, 16.5523, 18.0276



20.8146, 10.6693, 3.7322



1.8695, 0.9538, 0.5392

Inverse Universe

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



45.7362, 28.9087, 24.9994



46.2836, 26.4227, 18.7927



43.9285, 54.7842, 94.6452



16.6736, 16.5523, 18.0276



20.8146, 10.6693, 3.7322



1.8695, 0.9538, 0.5392

Previews

White Background



This preview shows how the XYZ color 45.7354, 28.9071, 24.9989 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 45.7354, 28.9071, 24.9989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

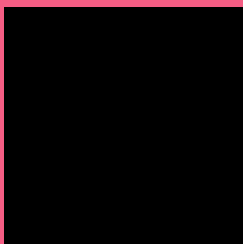
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.7354, 28.9071, 24.9989

Background



This preview shows how black text looks on a background with the XYZ color 45.7354, 28.9071, 24.9989.



This preview shows how white text looks on a background with the XYZ color 45.7354, 28.9071,

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

45.7354, 28.9071, 24.9989

Protanopia

28.3890, 29.1507, 37.8486

Deuteranopia

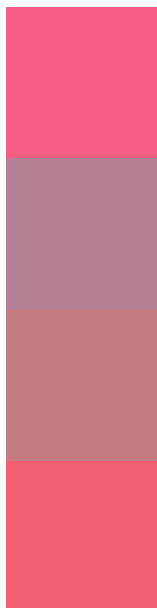
29.5887, 28.9654, 23.4334



Tritanopia

43.8796, 28.8100, 16.6128

Trichromacy



Original Color

45.7354, 28.9071, 24.9989

Protanomaly

32.1504, 27.2045, 32.4106

Deuteranomaly

34.1299, 27.8441, 23.9977

Tritanomaly

44.5856, 28.8366, 19.4358

Monochromacy



Original Color

45.7354, 28.9071, 24.9989

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

30.8162, 26.2346, 27.8657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7354, 28.9071, 24.9989 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(245, 93, 132)` looks like.

```
.text, #text, p{  
    color:rgb(245, 93, 132)  
}
```

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(245, 93, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 93, 132) }
```

Border

The CSS property to change the border of an element to XYZ 45.7354, 28.9071, 24.9989 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(245, 93, 132) }
```


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

```
.border{ border-color:rgb(245, 93, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 93, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 93, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 93, 132);  
box-shadow:4px 4px 4px 4px rgb(245, 93,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7354, 28.9071, 24.9989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 93, 132) }
```

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

```
.background{ background-color: rgb(245, 93,  
132) }
```

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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