

Converting Colors

XYZ(46.8446, 28.5729, 21.1353)

Have a look what the booklet for
XYZ(46.8446, 28.5729, 21.1353)
contains.

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Color

**XYZ(46.8446, 28.5729,
21.1353)**

Conversions

Conversions Part 1

Format	Color
Hex	FC5579
RGB	252, 85, 121
RGB Percent	99%, 33%, 47%
CMY	0.0118, 0.6666, 0.5255
CMYK	0.00, 0.66, 0.52, 0.01
HSL	347°, 97%, 66%
HSV	347°, 66%, 99%
XYZ	46.8446, 28.5729, 21.1353
YIQ	139.0370, 87.9760, 46.6000

Conversions

Conversions Part 2

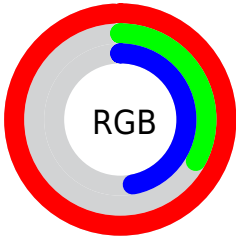
Format	Color
R _Y B	252, 85, 121
Decimal	16536953
CIE Lab	60.40, 65.63, 15.93
CIE LCh	60, 67.534, 13.642
Yxy	28.5729, 0.4852, 0.2959
Android (android.graphics.Color)	4294727033 (0xFFFC5579)
YUV	139.0370, -8.8922, 99.0686
Hunter-Lab	53.4536, 62.8864, 13.9746

Details

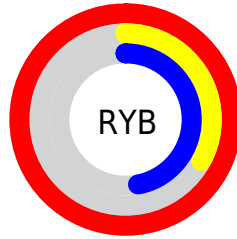
The XYZ color **46.8446, 28.5729, 21.1353** is a light color, and the websafe version is hex **FF3366**. The color can be described as light muted rose. A complement of this color would be **50.9534, 76.5108, 77.0546**, and the grayscale version is **24.5657, 25.8450, 28.1452**.

A 20% lighter version of the original color is **58.6053, 43.9221, 44.9241**, and **22.5029, 11.5584, 7.3483** is the 20% darker color. If you saturate the color by 10%, you get **44.1111, 24.8514, 14.8435**, and if you desaturate by 10%, it is **50.5340, 33.8089, 28.9718**.

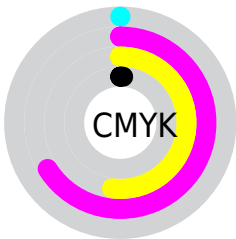
Distribution



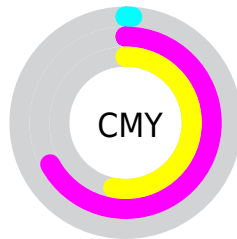
- Red (99%)
- Green (33%)
- Blue (47%)



- Red (99%)
- Yellow (33%)
- Blue (47%)



- Cyan (0%)
- Magenta (66%)
- Yellow (52%)
- Black (1%)





- Cyan (1%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8446, 28.5729, 21.1353 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 46.8446, 28.5729, 21.1353 by changing the saturation by 10% instead.


 46.8446, 28.5729,
21.1353


 46.8446, 28.5729,
21.1353


364.8532,
295.1944, 270.8013

 33.1203, 18.7580,
13.0307


 84.7018, 57.3978,
46.1963


 22.3783, 11.4955,
7.3187


 109.5653, 77.1766,
63.9898

 14.2533, 6.4012,
3.5808


 138.8726,
101.0454, 85.8501

 8.3799, 3.0905,
1.3983

 172.9890,
129.3887, 112.1956

 4.3928, 1.1792,
0.1404

212.2800,
162.5909, 143.4450

 1.9267, 0.0446,
0.0000

257.1107,

 0.5923, 0.0000,

201.0363, 180.0167

0.0000

307.8467,
245.1093, 222.3293

■ 0.0000, 0.0000,
0.0000

■ 46.8446, 28.5729,
21.1353

■ 46.8446, 28.5729,
21.1353

■ 44.1111, 24.8514,
14.8435

■ 50.5340, 33.8089,
28.9718

■ 42.2370, 22.4757,
9.9881

■ 55.2585, 40.6950,
38.4475


■ 41.1081, 21.2441,
6.4475


■ 61.0912, 49.3569,
49.6511

■ 40.8180, 20.9647,
5.4238

■ 68.0979, 59.9069,
62.6640

■ 76.3392, 72.4480,
77.5625

 85.8715, 87.0757,
94.4185

 93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



46.5504, 28.5729, 46.6270



46.8446, 28.5729, 21.1353



41.1316, 28.5729, 8.3941

Triad

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



46.8446, 28.5729, 21.1353



17.1819, 28.5729, 7.7420



22.7186, 28.5729, 103.3122

Complementary

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



46.8446, 28.5729, 21.1353



50.9534, 76.5108, 77.0546

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.



16.7724, 28.5729, 77.1965



46.8446, 28.5729, 21.1353



14.0739, 28.5729, 19.4868

Square

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



46.8446, 28.5729, 21.1353



23.4047, 28.5729, 3.9308



13.9421, 28.5729, 43.8159



31.2918, 28.5729, 104.6246

Rectangle

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



46.8446, 28.5729, 21.1353



35.2715, 28.5729, 4.9159



13.9421, 28.5729, 43.8159



20.3947, 28.5729, 96.6973

Sweetspot

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



46.8453, 28.5745, 21.1358



75.0975, 69.3516, 73.7126



49.0853, 28.0982, 94.9316



15.5656, 14.0707, 14.8581



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.



46.8453, 28.5745, 21.1358



44.4879, 24.4533, 13.1938



50.0801, 37.9420, 13.2805



17.3977, 17.2864, 18.6840



21.3064, 10.9383, 3.0560



2.0107, 1.0280, 0.4797

Inverse Universe

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



46.8453, 28.5745, 21.1358



44.4879, 24.4533, 13.1938



43.0742, 52.4726, 99.9532



17.3977, 17.2864, 18.6840



21.3064, 10.9383, 3.0560



2.0107, 1.0280, 0.4797

Previews

White Background



This preview shows how the XYZ color 46.8446, 28.5729, 21.1353 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 46.8446, 28.5729, 21.1353 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 46.8446, 28.5729, 21.1353

Background



This preview shows how black text looks on a background with the XYZ color 46.8446, 28.5729, 21.1353.



This preview shows how white text looks on a background with the XYZ color 46.8446, 28.5729,

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

46.8446, 28.5729, 21.1353

Protanopia

27.8255, 28.7208, 33.7829

Deuteranopia

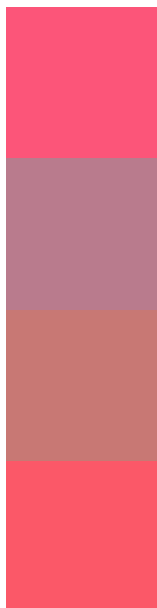
29.1533, 28.6063, 19.6078



Tritanopia

45.5054, 28.6478, 13.9576

Trichromacy



Original Color

46.8446, 28.5729, 21.1353

Protanomaly

31.8983, 26.4033, 28.6144

Deuteranomaly

33.6883, 26.9733, 19.9538

Tritanomaly

45.7721, 28.4882, 16.1830

Monochromacy



Original Color

46.8446, 28.5729, 21.1353

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

29.5841, 24.5629, 25.0117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8446, 28.5729, 21.1353 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(252, 85, 121)` looks like.

```
.text, #text, p{  
    color:rgb(252, 85, 121)  
}
```

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(252, 85, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 85, 121) }
```

Border

The CSS property to change the border of an element to XYZ 46.8446, 28.5729, 21.1353 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(252, 85, 121) }
```


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

```
.border{ border-color:rgb(252, 85, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 85, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 85, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 85, 121);  
box-shadow:4px 4px 4px 4px rgb(252, 85,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8446, 28.5729, 21.1353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 85, 121) }
```

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

```
.background{ background-color: rgb(252, 85,  
121) }
```

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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