

Converting Colors

XYZ(44.4357, 27.3503, 21.7036)

Have a look what the booklet for
XYZ(44.4357, 27.3503, 21.7036)
contains.

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Color

**XYZ(44.4798, 27.3395,
21.6716)**

Conversions

Conversions Part 1

Format	Color
Hex	F5557B
RGB	245, 85, 123
RGB Percent	96%, 33%, 48%
CMY	0.0392, 0.6666, 0.5176
CMYK	0.00, 0.65, 0.50, 0.04
HSL	346°, 89%, 65%
HSV	346°, 65%, 96%
XYZ	44.4798, 27.3395, 21.6716
YIQ	137.1720, 83.1620, 45.7380

Conversions

Conversions Part 2

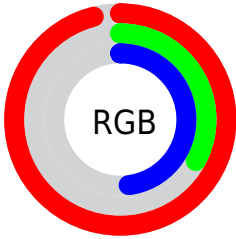
Format	Color
R _Y B	245, 85, 123
Decimal	16078203
CIE Lab	59.29, 63.68, 13.03
CIE LCh	59, 64.996, 11.567
Yxy	27.3395, 0.4758, 0.2924
Android (android.graphics.Color)	4294268283 (0xFFFF5557B)
YUV	137.1720, -6.9868, 94.5652
Hunter-Lab	52.2872, 60.3443, 12.0270

Details

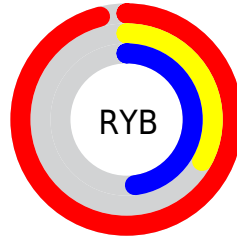
The XYZ color **44.4798, 27.3395, 21.6716** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **47.6630, 71.7417, 70.3725**, and the grayscale version is **23.8478, 25.0897, 27.3227**.

A 20% lighter version of the original color is **58.8003, 44.0001, 45.9512**, and **20.9181, 10.8146, 7.6415** is the 20% darker color. If you saturate the color by 10%, you get **41.8136, 23.7038, 15.5531**, and if you desaturate by 10%, it is **48.0379, 32.4022, 29.1889**.

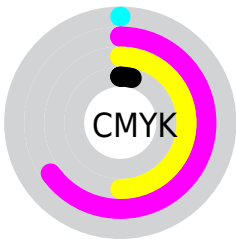
Distribution



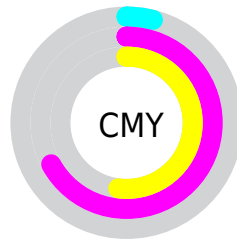
- Red (96%)
- Green (33%)
- Blue (48%)



- Red (96%)
- Yellow (33%)
- Blue (48%)



- Cyan (0%)
- Magenta (65%)
- Yellow (50%)
- Black (4%)





- Cyan (4%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4798, 27.3395, 21.6716 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 44.4798, 27.3395, 21.6716 by changing the saturation by 10% instead.


 44.4798, 27.3395,
21.6716


 44.4798, 27.3395,
21.6716


355.4819,
289.2972, 273.7238


 31.2474, 17.8284,
13.4198


 81.1811, 55.4282,
47.0978


 20.9401, 10.8268,
7.5841


 105.3808, 74.7745,
65.1093

 13.1924, 5.9505,
3.7461


 133.9669, 98.1680,
87.2111

 7.6391, 2.8150,
1.4871

 167.3048,
125.9931, 113.8218

 3.9147, 1.0359,
0.2083

205.7599,
158.6342, 145.3599

 1.6540, 0.0000,
0.0000

249.6976,

 0.4272, 0.0000,

196.4756, 182.2439

0.0000

299.4831,
239.9018, 224.8923

■ 0.0000, 0.0000,
0.0000

■ 44.4798, 27.3395,
21.6716

■ 44.4798, 27.3395,
21.6716

■ 41.8136, 23.7038,
15.5531

■ 48.0379, 32.4022,
29.1889

■ 39.9523, 21.3408,
10.7409

■ 52.5596, 39.0161,
38.1861


■ 38.7934, 20.0683,
7.1319


■ 58.1115, 47.2970,
48.7394


■ 38.4243, 19.7197,
5.8077

■ 64.7534, 57.3481,
60.9191

■ 72.5405, 69.2646,
74.7914

 81.5243, 83.1346,
90.4184

 91.2696, 98.0738,
107.6980

 91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



43.7909, 27.3395, 46.2635



44.4798, 27.3395, 21.6716



39.5051, 27.3395, 8.8641

Triad

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



44.4798, 27.3395, 21.6716



16.9414, 27.3395, 7.2806



21.3546, 27.3395, 95.5335

Complementary

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



44.4798, 27.3395, 21.6716



47.6630, 71.7417, 70.3725

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.



15.9667, 27.3395, 70.3862



44.4798, 27.3395, 21.6716



13.8090, 27.3395, 17.7496

Square

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



44.4798, 27.3395, 21.6716



22.9785, 27.3395, 3.9360



13.4940, 27.3395, 39.6651



29.2437, 27.3395, 98.5806

Rectangle

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



44.4798, 27.3395, 21.6716



34.1509, 27.3395, 5.2187



13.4940, 27.3395, 39.6651



19.2377, 27.3395, 88.9469

Sweetspot

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



44.4805, 27.3410, 21.6721



75.2418, 69.4093, 74.4722



44.9081, 26.0705, 89.0511



15.5997, 14.0843, 15.0374



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.



44.4805, 27.3410, 21.6721



45.1238, 25.0840, 15.3825



46.6307, 34.7375, 12.8437



16.6604, 16.5470, 17.9582



20.7446, 10.6413, 3.3635



1.8617, 0.9507, 0.4982

Inverse Universe

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



44.4805, 27.3410, 21.6721



45.1238, 25.0840, 15.3825



42.0604, 52.1880, 94.2423



16.6604, 16.5470, 17.9582



20.7446, 10.6413, 3.3635



1.8617, 0.9507, 0.4982

Previews

White Background



This preview shows how the XYZ color 44.4798, 27.3395, 21.6716 looks on a white background.

Color Contrast Check

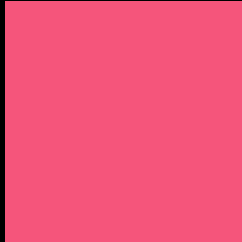
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.4798, 27.3395, 21.6716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

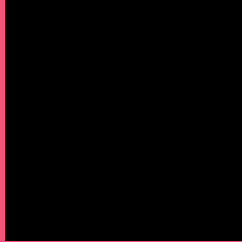
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.4798, 27.3395, 21.6716

Background



This preview shows how black text looks on a background with the XYZ color 44.4798, 27.3395, 21.6716.

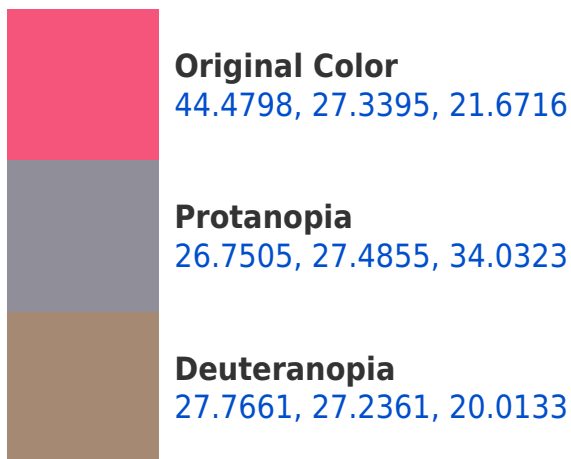


This preview shows how white text looks on a background with the XYZ color 44.4798, 27.3395,

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

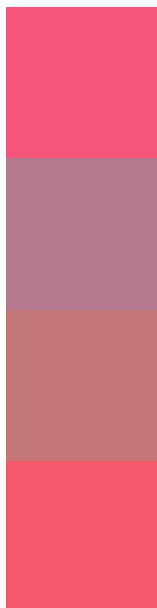




Tritanopia

42.7296, 27.2115, 14.0666

Trichromacy



Original Color

44.4798, 27.3395, 21.6716

Protanomaly

30.5422, 25.3310, 28.8708

Deuteranomaly

32.2541, 25.8670, 20.4324

Tritanomaly

43.3995, 27.2532, 16.6086

Monochromacy



Original Color

44.4798, 27.3395, 21.6716

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

28.5478, 23.8529, 24.9292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4798, 27.3395, 21.6716 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, 85, 123)` looks like.

```
.text, #text, p{  
    color:rgb(245, 85, 123)  
}
```

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, 85, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 85, 123) }
```

Border

The CSS property to change the border of an element to XYZ 44.4798, 27.3395, 21.6716 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, 85, 123) }
```


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

```
.border{ border-color:rgb(245, 85, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 85, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 85, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 85, 123);  
box-shadow:4px 4px 4px 4px rgb(245, 85,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4798, 27.3395, 21.6716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 85, 123) }
```

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

```
.background{ background-color: rgb(245, 85,  
123) }
```

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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