

Converting Colors

XYZ(45.5153, 29.5350, 21.9724)

Have a look what the booklet for
XYZ(45.5153, 29.5350, 21.9724)
contains.

XYZ(45.5990, 29.5779, 22.0447)	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(45.5990, 29.5779,
22.0447)**

Conversions

Conversions Part 1

Format	Color
Hex	F5627B
RGB	245, 98, 123
RGB Percent	96%, 38%, 48%
CMY	0.0392, 0.6157, 0.5176
CMYK	0.00, 0.60, 0.50, 0.04
HSL	350°, 88%, 67%
HSV	350°, 60%, 96%
XYZ	45.5990, 29.5779, 22.0447
YIQ	144.8030, 79.5870, 38.9390

Conversions

Conversions Part 2

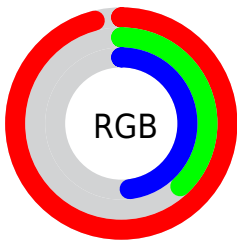
Format	Color
R _Y B	245, 98, 123
Decimal	16081531
CIE Lab	61.29, 58.28, 15.82
CIE LCh	61, 60.388, 15.184
Yxy	29.5779, 0.4690, 0.3042
Android (android.graphics.Color)	4294271611 (0xFFFF5627B)
YUV	144.8030, -10.7489, 87.8728
Hunter-Lab	54.3856, 54.4867, 14.0372

Details

The XYZ color **45.5990, 29.5779, 22.0447** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.6095, 73.0694, 79.1519**, and the grayscale version is **26.8545, 28.2530, 30.7676**.

A 20% lighter version of the original color is **60.5335, 47.4663, 46.5289**, and **21.7303, 12.0846, 7.8439** is the 20% darker color. If you saturate the color by 10%, you get **42.5036, 25.2172, 15.3716**, and if you desaturate by 10%, it is **49.6616, 35.4501, 30.3450**.

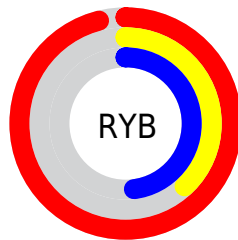
Distribution



Red (96%)

Green (38%)

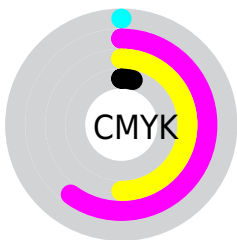
Blue (48%)



Red (96%)

Yellow (38%)

Blue (48%)

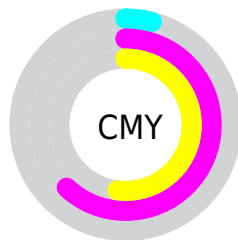


Cyan (0%)

Magenta (60%)

Yellow (50%)

Black (4%)



Cyan (4%)


Magenta (62%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5990, 29.5779, 22.0447 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 45.5990, 29.5779, 22.0447 by changing the saturation by 10% instead.


 45.5990, 29.5779,
22.0447

 45.5990, 29.5779,
22.0447

359.9372,
299.9320, 275.7407


 32.1328, 19.5184,
13.6911


 82.8501, 58.9940,
47.7230


 21.6190, 12.0455,
7.7699


 107.3657, 79.1194,
65.8848

 13.6922, 6.7747,
3.8624


 136.2951,
103.3690, 88.1531

 7.9872, 3.3216,
1.5502

 170.0037,
132.1270, 114.9464

 4.1385, 1.3018,
0.2549

208.8569,
165.7779, 146.6833

 1.7808, 0.1426,
0.0000

253.2199,

 0.5060, 0.0000,

204.7061, 183.7823

0.0000

303.4582,
249.2960, 226.6619

■ 0.0000, 0.0000,
0.0000

■ 45.5990, 29.5779,
22.0447

■ 45.5990, 29.5779,
22.0447

■ 42.5036, 25.2172,
15.3716

■ 49.6616, 35.4501,
30.3450

■ 40.2904, 22.2240,
10.2152

■ 54.7622, 42.9510,
40.3698

■ 38.8627, 20.4346,
6.4531

■ 60.9674, 52.1917,
52.2102

■ 38.0680, 19.5774,
3.9314

■ 68.3376, 63.2721,
65.9507

■ 38.0678, 19.5771,
3.9307

■ 76.9289, 76.2846,
81.6701

86.7936, 91.3154,
99.4430

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.



45.6341, 29.5779, 44.7491



45.5990, 29.5779, 22.0447



40.3238, 29.5779, 10.0608

Triad

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



45.5990, 29.5779, 22.0447



18.6027, 29.5779, 10.1526



24.3819, 29.5779, 95.7862

Complementary

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



45.5990, 29.5779, 22.0447



50.6095, 73.0694, 79.1519

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.



18.6555, 29.5779, 74.3192



45.5990, 29.5779, 22.0447



15.7719, 29.5779, 22.2564

Square

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



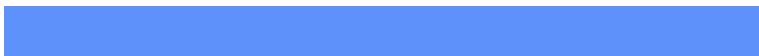
45.5990, 29.5779, 22.0447



24.2957, 29.5779, 5.7363



15.7892, 29.5779, 45.0883



32.3103, 29.5779, 95.6357

Rectangle

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



45.5990, 29.5779, 22.0447



35.0299, 29.5779, 6.5697



15.7892, 29.5779, 45.0883



22.1722, 29.5779, 90.5344

Sweetspot

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



45.5998, 29.5795, 22.0452



76.5769, 71.9148, 75.4252



49.7787, 30.2429, 89.5997



15.8415, 14.5636, 15.1313



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.



45.5998, 29.5795, 22.0452



45.9477, 26.7891, 15.4803



49.9187, 40.4098, 16.7263



16.6141, 16.5285, 17.7144



20.5421, 10.5603, 2.2973



1.8376, 0.9410, 0.3711

Inverse Universe

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



45.5998, 29.5795, 22.0452



45.9477, 26.7891, 15.4803



41.8170, 49.7851, 93.7913



16.6141, 16.5285, 17.7144



20.5421, 10.5603, 2.2973



1.8376, 0.9410, 0.3711

Previews

White Background



This preview shows how the XYZ color 45.5990, 29.5779, 22.0447 looks on a white background.

Color Contrast Check

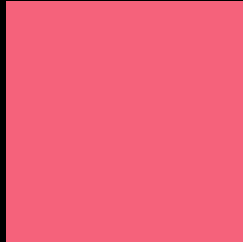
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.5990, 29.5779, 22.0447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

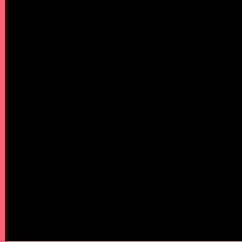
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.5990, 29.5779, 22.0447

Background



This preview shows how black text looks on a background with the XYZ color 45.5990, 29.5779, 22.0447.



This preview shows how white text looks on a background with the XYZ color 45.5990, 29.5779,

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

45.5990, 29.5779, 22.0447

Protanopia

28.6977, 29.8972, 32.2752

Deuteranopia

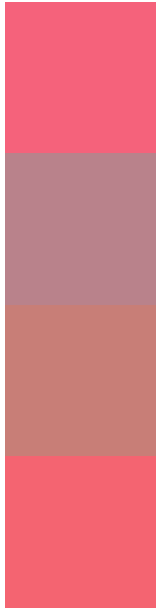
30.2809, 29.6056, 20.6415



Tritanopia

44.6157, 29.6020, 17.2722

Trichromacy



Original Color

45.5990, 29.5779, 22.0447

Protanomaly

32.6504, 28.1436, 28.1375

Deuteranomaly

34.6100, 28.5330, 21.1360

Tritanomaly

44.8460, 29.5397, 18.9609

Monochromacy



Original Color

45.5990, 29.5779, 22.0447

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

31.2906, 27.0682, 27.2424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5990, 29.5779, 22.0447 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, 98, 123)` looks like.

```
.text, #text, p{  
  color:rgb(245, 98, 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, 98, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 98, 123) }
```

Border

The CSS property to change the border of an element to XYZ 45.5990, 29.5779, 22.0447 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, 98, 123) }
```


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

```
.border{ border-color:rgb(245, 98, 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, 98, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 98, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 98, 123);  
box-shadow:4px 4px 4px 4px rgb(245, 98,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5990, 29.5779, 22.0447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 98, 123) }
```

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

```
.background{ background-color: rgb(245, 98,  
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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