

Converting Colors

XYZ(44.5760, 27.5134, 22.2779)

Have a look what the booklet for
XYZ(44.5760, 27.5134, 22.2779)
contains.

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Color

**XYZ(44.6856, 27.5487,
22.3643)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F5567D |
| RGB | 245, 86, 125 |
| RGB Percent | 96%, 34%, 49% |
| CMY | 0.0392, 0.6627, 0.5098 |
| CMYK | 0.00, 0.65, 0.49, 0.04 |
| HSL | 345°, 89%, 65% |
| HSV | 345°, 65%, 96% |
| XYZ | 44.6856, 27.5487, 22.3643 |
| YIQ | 137.9870, 82.2450, 45.8370 |

Conversions

Conversions Part 2

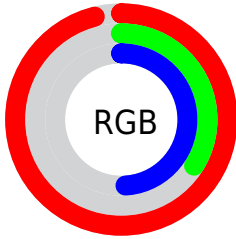
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 245, 86, 125 |
| Decimal | 16078461 |
| CIE Lab | 59.48, 63.45, 12.13 |
| CIE LCh | 59, 64.598, 10.825 |
| Yxy | 27.5487, 0.4724, 0.2912 |
| Android (android.graphics.Color) | 4294268541 (0xFFFF5567D) |
| YUV | 137.9870, -6.4026, 93.8504 |
| Hunter-Lab | 52.4869, 60.1171, 11.4777 |

Details

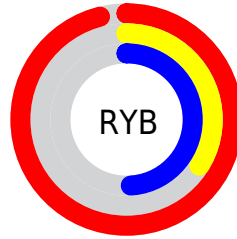
The XYZ color **44.6856, 27.5487, 22.3643** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **47.6325, 71.7401, 69.7348**, and the grayscale version is **24.1555, 25.4135, 27.6753**.

A 20% lighter version of the original color is **58.9983, 44.0792, 46.9936**, and **20.9900, 10.9032, 7.8357** is the 20% darker color. If you saturate the color by 10%, you get **41.9802, 23.8558, 16.1669**, and if you desaturate by 10%, it is **48.2824, 32.6727, 29.9442**.

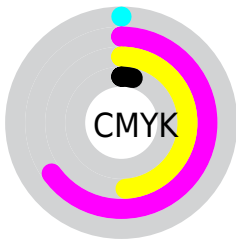
Distribution



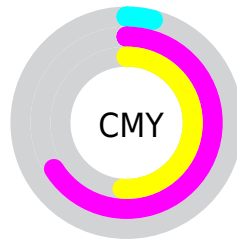
- Red (96%)
- Green (34%)
- Blue (49%)



- Red (96%)
- Yellow (34%)
- Blue (49%)



- Cyan (0%)
- Magenta (65%)
- Yellow (49%)
- Black (4%)




- Cyan (4%)
- Magenta (66%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.6856, 27.5487, 22.3643 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 44.6856, 27.5487, 22.3643 by changing the saturation by 10% instead.


 44.6856, 27.5487,
22.3643


 44.6856, 27.5487,
22.3643


356.3039,
290.3041, 277.4582


 31.4101, 17.9857,
13.9240


 81.4884, 55.7631,
48.2573


 21.0647, 10.9397,
7.9296


 105.7464, 75.1833,
66.5470

 13.2840, 6.0263,
3.9628


 134.3959, 98.6581,
88.9568

 7.7028, 2.8611,
1.6050

 167.8023,
126.5719, 115.9055

 3.9555, 1.0597,
0.2944

206.3309,
159.3089, 147.8114

 1.6770, 0.0000,
0.0000

250.3472,

 0.4418, 0.0000,

197.2537, 185.0931

0.0000

300.2164,
240.7907, 228.1692

■ 0.0000, 0.0000,
0.0000

■ 44.6856, 27.5487,
22.3643

■ 44.6856, 27.5487,
22.3643

■ 41.9802, 23.8558,
16.1669

■ 48.2824, 32.6727,
29.9442

■ 40.0801, 21.4410,
11.2624

■ 52.8415, 39.3511,
38.9853


■ 38.8843, 20.1241,
7.5511


■ 58.4287, 47.6990,
49.5616


■ 38.4739, 19.7395,
6.0689

■ 65.1035, 57.8194,
61.7416

■ 72.9205, 69.8067,
75.5894

 81.9307, 83.7488,
91.1657

 91.3762, 98.1165,
108.2594

 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.



43.8515, 27.5487, 47.1895



44.6856, 27.5487, 22.3643



39.8488, 27.5487, 9.2450

Triad

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



44.6856, 27.5487, 22.3643



17.2539, 27.5487, 7.3014



21.3882, 27.5487, 95.0590

Complementary

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



44.6856, 27.5487, 22.3643



47.6325, 71.7401, 69.7348

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.



16.0663, 27.5487, 69.7000



44.6856, 27.5487, 22.3643



14.0425, 27.5487, 17.5863

Square

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



44.6856, 27.5487, 22.3643



23.3628, 27.5487, 4.0365



13.6581, 27.5487, 39.1917



29.2241, 27.5487, 98.7372

Rectangle

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



44.6856, 27.5487, 22.3643



34.5471, 27.5487, 5.4558



13.6581, 27.5487, 39.1917



19.2932, 27.5487, 88.3441

Sweetspot

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



44.6863, 27.5502, 22.3648



76.1555, 70.7525, 76.2692



45.0564, 26.2647, 89.0807



15.7798, 14.3461, 15.4010



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.



44.6863, 27.5502, 22.3648



45.2026, 25.1155, 15.7972



46.7660, 34.9441, 13.0862



16.6658, 16.5492, 17.9865



20.7725, 10.6524, 3.5102



1.8648, 0.9519, 0.5147

Inverse Universe

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



44.6863, 27.5502, 22.3648



45.2026, 25.1155, 15.7972



42.2117, 52.3548, 94.2665



16.6658, 16.5492, 17.9865



20.7725, 10.6524, 3.5102



1.8648, 0.9519, 0.5147

Previews

White Background



This preview shows how the XYZ color 44.6856, 27.5487, 22.3643 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 44.6856, 27.5487, 22.3643 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 44.6856, 27.5487, 22.3643

Background



This preview shows how black text looks on a background with the XYZ color 44.6856, 27.5487, 22.3643.



This preview shows how white text looks on a background with the XYZ color 44.6856, 27.5487,

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

44.6856, 27.5487, 22.3643

Protanopia

27.0665, 27.8511, 34.9596

Deuteranopia

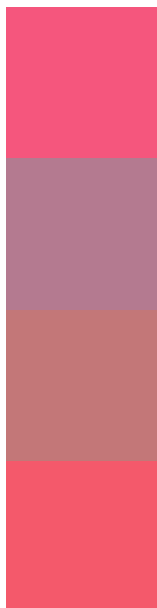
28.2357, 27.6768, 20.6836



Tritanopia

42.8609, 27.3999, 14.3390

Trichromacy



Original Color

44.6856, 27.5487, 22.3643

Protanomaly

30.8160, 25.6360, 29.7096

Deuteranomaly

32.4927, 26.1518, 21.1046

Tritanomaly

43.5344, 27.4394, 16.9117

Monochromacy



Original Color

44.6856, 27.5487, 22.3643

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

28.9619, 24.2342, 25.3415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6856, 27.5487, 22.3643 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, 86, 125)` looks like.

```
.text, #text, p{  
    color:rgb(245, 86, 125)  
}
```

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, 86, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 86, 125) }
```

Border

The CSS property to change the border of an element to XYZ 44.6856, 27.5487, 22.3643 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, 86, 125) }
```


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

```
.border{ border-color:rgb(245, 86, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 86, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 86, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 86, 125);  
box-shadow:4px 4px 4px 4px rgb(245, 86,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6856, 27.5487, 22.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 86, 125) }
```

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

```
.background{ background-color: rgb(245, 86,  
125) }
```

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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