

Converting Colors

XYZ(43.7874, 28.1233, 20.5568)

Have a look what the booklet for
XYZ(43.7874, 28.1233, 20.5568)
contains.

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Color

**XYZ(43.9504, 28.2146,
20.5823)**

Conversions

Conversions Part 1

Format	Color
Hex	F25E77
RGB	242, 94, 119
RGB Percent	95%, 37%, 47%
CMY	0.0510, 0.6313, 0.5333
CMYK	0.00, 0.61, 0.51, 0.05
HSL	350°, 85%, 66%
HSV	350°, 61%, 95%
XYZ	43.9504, 28.2146, 20.5823
YIQ	141.1020, 80.1830, 39.1510

Conversions

Conversions Part 2

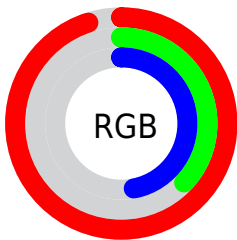
Format	Color
R_{YB}	242, 94, 119
Decimal	15883895
CIE Lab	60.08, 58.70, 16.39
CIE LCh	60, 60.950, 15.603
Yxy	28.2146, 0.4739, 0.3042
Android (android.graphics.Color)	4294073975 (0xFFFF25E77)
YUV	141.1020, -10.8963, 88.4875
Hunter-Lab	53.1174, 54.7389, 14.2081

Details

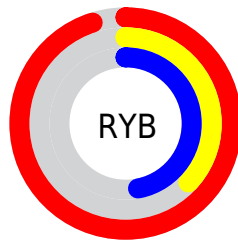
The XYZ color **43.9504, 28.2146, 20.5823** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted rose. A complement of this color would be **48.8945, 70.8943, 76.7581**, and the grayscale version is **25.3781, 26.6997, 29.0760**.

A 20% lighter version of the original color is **59.4970, 46.0130, 44.2736**, and **20.7372, 11.3664, 7.0622** is the 20% darker color. If you saturate the color by 10%, you get **41.0428, 24.1324, 14.2710**, and if you desaturate by 10%, it is **47.7894, 33.7508, 28.4656**.

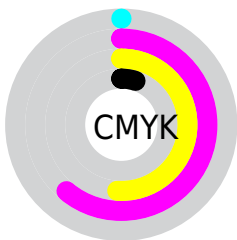
Distribution



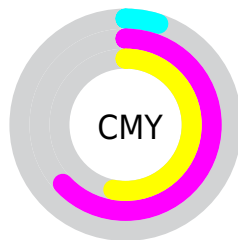
- Red (95%)
- Green (37%)
- Blue (47%)



- Red (95%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (61%)
- Yellow (51%)
- Black (5%)





- Cyan (5%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9504, 28.2146, 20.5823 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 43.9504, 28.2146, 20.5823 by changing the saturation by 10% instead.


 43.9504, 28.2146,
20.5823


 43.9504, 28.2146,
20.5823

353.3615,
293.4909, 267.7580


 30.8293, 18.4875,
12.6308


 80.3899, 56.8269,
45.2631


 20.6201, 11.3005,
7.0471


 104.4390, 76.4808,
62.8293

 12.9574, 6.2694,
3.4127


 132.8614,
100.2125, 84.4376

 7.4760, 3.0096,
1.3090

 166.0226,
128.4064, 110.5065

 3.8105, 1.1367,
0.0692

204.2878,
161.4467, 141.4544

 1.5955, 0.0091,
0.0000

248.0225,

 0.3895, 0.0000,

199.7180, 177.6999

0.0000

297.5919,
243.6046, 219.6616

■ 0.0000, 0.0000,
0.0000

■ 43.9504, 28.2146,
20.5823

■ 43.9504, 28.2146,
20.5823

■ 41.0428, 24.1324,
14.2710

■ 47.7894, 33.7508,
28.4656

■ 38.9826, 21.3620,
9.4228

■ 52.6295, 40.8563,
38.0165

■ 37.6742, 19.7409,
5.9165

■ 58.5362, 49.6401,
49.3249

■ 37.0157, 19.0363,
3.8091

■ 65.5685, 60.2002,
62.4734

■ 73.7815, 72.6270,
77.5396

■ 83.2262, 87.0049,
94.5964

■ 90.4278, 97.6171,
108.6837

Harmonies

Analogous

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



44.0637, 28.2146, 42.6457



43.9504, 28.2146, 20.5823



38.6975, 28.2146, 9.1575

Triad

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



43.9504, 28.2146, 20.5823



17.4894, 28.2146, 9.4449



23.2685, 28.2146, 93.6666

Complementary

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



43.9504, 28.2146, 20.5823



48.8945, 70.8943, 76.7581

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.



17.6573, 28.2146, 72.6005



43.9504, 28.2146, 20.5823



14.7850, 28.2146, 21.2562

Square

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



43.9504, 28.2146, 20.5823



22.9930, 28.2146, 5.1806



14.8398, 28.2146, 43.7385



31.0433, 28.2146, 93.1769

Rectangle

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



43.9504, 28.2146, 20.5823



33.4796, 28.2146, 5.8968



14.8398, 28.2146, 43.7385



21.1029, 28.2146, 88.5502

Sweetspot

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



43.9511, 28.2161, 20.5828



76.5700, 71.9120, 75.3890



48.0160, 28.8449, 87.0409



15.8398, 14.5630, 15.1226



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.



43.9511, 28.2161, 20.5828



45.6730, 26.4235, 14.8222



48.1447, 38.6978, 15.5238



15.8817, 15.8024, 16.9333



19.9189, 10.2400, 2.2233



1.6884, 0.8644, 0.3499

Inverse Universe

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



43.9511, 28.2161, 20.5828



45.6730, 26.4235, 14.8222



40.1896, 47.8821, 91.1279



15.8817, 15.8024, 16.9333



19.9189, 10.2400, 2.2233



1.6884, 0.8644, 0.3499

Previews

White Background



This preview shows how the XYZ color 43.9504, 28.2146, 20.5823 looks on a white background.

Color Contrast Check

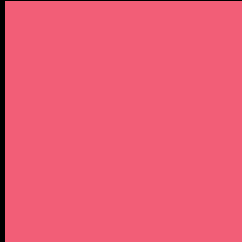
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.9504, 28.2146, 20.5823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

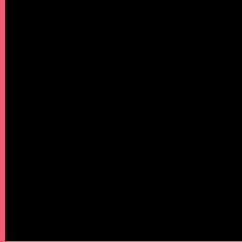
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.9504, 28.2146, 20.5823

Background



This preview shows how black text looks on a background with the XYZ color 43.9504, 28.2146, 20.5823.



This preview shows how white text looks on a background with the XYZ color 43.9504, 28.2146,

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

43.9504, 28.2146, 20.5823

Protanopia

27.2968, 28.2868, 30.8093

Deuteranopia

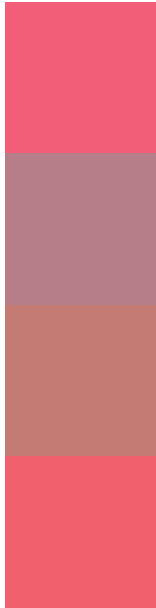
28.7348, 28.1811, 19.2542



Tritanopia

42.9985, 28.2294, 16.0145

Trichromacy



Original Color

43.9504, 28.2146, 20.5823

Protanomaly

31.1962, 26.6444, 26.7912

Deuteranomaly

32.9424, 27.1395, 19.7218

Tritanomaly

43.2188, 28.1706, 17.6276

Monochromacy



Original Color

43.9504, 28.2146, 20.5823

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

29.8014, 25.5737, 25.5558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9504, 28.2146, 20.5823 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(242, 94, 119)` looks like.

```
.text, #text, p{  
    color:rgb(242, 94, 119)  
}
```

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(242, 94, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 94, 119) }
```

Border

The CSS property to change the border of an element to XYZ 43.9504, 28.2146, 20.5823 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(242, 94, 119) }
```


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

```
.border{ border-color:rgb(242, 94, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 94, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 94, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 94, 119);  
box-shadow:4px 4px 4px 4px rgb(242, 94,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9504, 28.2146, 20.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 94, 119) }
```

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

```
.background{ background-color: rgb(242, 94,  
119) }
```

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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