

Converting Colors

XYZ(44.2362, 28.5930, 17.6393)

Have a look what the booklet for
XYZ(44.2362, 28.5930, 17.6393)
contains.

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Color

**XYZ(44.1608, 28.5216,
17.6457)**

Conversions

Conversions Part 1

Format	Color
Hex	F45F6D
RGB	244, 95, 109
RGB Percent	96%, 37%, 43%
CMY	0.0431, 0.6274, 0.5725
CMYK	0.00, 0.61, 0.55, 0.04
HSL	354°, 87%, 66%
HSV	354°, 61%, 96%
XYZ	44.1608, 28.5216, 17.6457
YIQ	141.1470, 84.3100, 35.9420

Conversions

Conversions Part 2

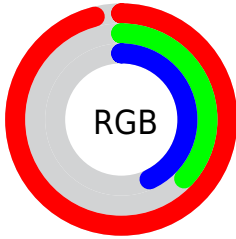
Format	Color
R_{YB}	244, 95, 109
Decimal	16015213
CIE _{Lab}	60.36, 58.13, 22.61
CIE _{LCh}	60, 62.377, 21.252
Yxy	28.5216, 0.4889, 0.3158
Android (android.graphics.Color)	4294205293 (0xFFFF45F6D)
YUV	141.1470, -15.8485, 90.2021
Hunter-Lab	53.4056, 54.1408, 17.7940

Details

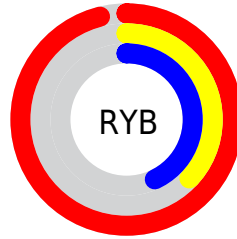
The XYZ color **44.1608, 28.5216, 17.6457** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **51.3548, 72.8482, 86.2230**, and the grayscale version is **25.4133, 26.7368, 29.1163**.

A 20% lighter version of the original color is **58.6518, 45.9313, 39.0320**, and **20.7619, 11.4949, 5.6819** is the 20% darker color. If you saturate the color by 10%, you get **41.2525, 24.3763, 11.5246**, and if you desaturate by 10%, it is **48.0579, 34.1658, 25.5733**.

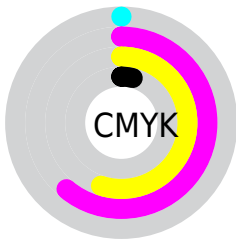
Distribution



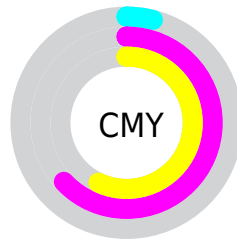
- Red (96%)
- Green (37%)
- Blue (43%)



- Red (96%)
- Yellow (37%)
- Blue (43%)



- Cyan (0%)
- Magenta (61%)
- Yellow (55%)
- Black (4%)





- Cyan (4%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1608, 28.5216, 17.6457 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 44.1608, 28.5216, 17.6457 by changing the saturation by 10% instead.


 44.1608, 28.5216,
17.6457


 44.1608, 28.5216,
17.6457

354.2052,
294.9510, 251.0351


 30.9954, 18.7192,
10.5291


 80.7045, 57.3161,
40.2384


 20.7472, 11.4676,
5.6410


 104.8135, 77.0771,
56.5516

 13.0507, 6.3823,
2.5628


 133.3011,
100.9263, 76.7675

 7.5407, 3.0789,
0.8732

 166.5326,
129.2483, 101.3045

 3.8518, 1.1731,
0.0000

204.8734,
162.4273, 130.5812

 1.6186, 0.0395,
0.0000

248.6889,

 0.4045, 0.0000,

200.8479, 165.0162

0.0000

298.3444,
244.8943, 205.0280

■ 0.0000, 0.0000,
0.0000

■ 44.1608, 28.5216,
17.6457

■ 44.1608, 28.5216,
17.6457

■ 41.2525, 24.3763,
11.5246

■ 48.0579, 34.1658,
25.5733

■ 39.2412, 21.5825,
7.0659

■ 53.0202, 41.4288,
35.4335

■ 38.0215, 19.9716,
4.1053

■ 59.1193, 50.4234,
47.3425

■ 37.4620, 19.2946,
2.5559

■ 66.4197, 61.2513,
61.4069

■ 74.9811, 74.0063,
77.7262

84.8593, 88.7757,
96.3934

91.1182, 97.9731,
108.7160

Harmonies

Analogous

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



45.3746, 28.5216, 38.2646



44.1608, 28.5216, 17.6457



37.9457, 28.5216, 7.7830

Triad

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



44.1608, 28.5216, 17.6457



16.7774, 28.5216, 10.8099



24.8315, 28.5216, 98.3043

Complementary

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



44.1608, 28.5216, 17.6457



51.3548, 72.8482, 86.2230

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.



18.5609, 28.5216, 79.7702



44.1608, 28.5216, 17.6457



14.5504, 28.5216, 24.8135

Square

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



44.1608, 28.5216, 17.6457



21.8972, 28.5216, 5.4076



15.1318, 28.5216, 49.9602



33.0882, 28.5216, 93.0370

Rectangle

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



44.1608, 28.5216, 17.6457



32.3709, 28.5216, 5.2045



15.1318, 28.5216, 49.9602



22.4505, 28.5216, 94.4143

Sweetspot

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



44.1615, 28.5232, 17.6462



76.1274, 71.7350, 73.0583



52.7673, 31.3922, 88.8659



15.7341, 14.5207, 14.5658



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.



44.1615, 28.5232, 17.6462



45.0520, 26.1751, 11.5521



51.0298, 43.3709, 16.5104



16.5623, 16.5078, 17.4418



20.3912, 10.4999, 1.5022



1.8131, 0.9312, 0.2423

Inverse Universe

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



44.1615, 28.5232, 17.6462



45.0520, 26.1751, 11.5521



38.2737, 43.4138, 91.9502



16.5623, 16.5078, 17.4418



20.3912, 10.4999, 1.5022



1.8131, 0.9312, 0.2423

Previews

White Background



This preview shows how the XYZ color 44.1608, 28.5216, 17.6457 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 44.1608, 28.5216, 17.6457 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 44.1608, 28.5216, 17.6457

Background



This preview shows how black text looks on a background with the XYZ color 44.1608, 28.5216, 17.6457.



This preview shows how white text looks on a background with the XYZ color 44.1608, 28.5216,

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

44.1608, 28.5216, 17.6457

Protanopia

27.3079, 28.6197, 26.2752

Deuteranopia

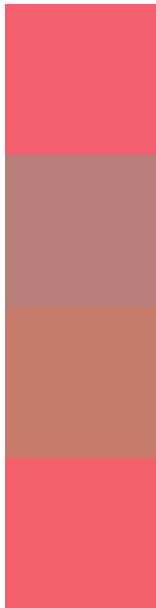
29.2319, 28.7141, 16.5721



Tritanopia

43.8894, 28.5581, 15.7694

Trichromacy



Original Color

44.1608, 28.5216, 17.6457

Protanomaly

31.2350, 26.9483, 22.6241

Deuteranomaly

33.3106, 27.5773, 16.9319

Tritanomaly

44.0409, 28.6188, 16.5674

Monochromacy



Original Color

44.1608, 28.5216, 17.6457

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

29.5302, 25.4653, 24.1278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1608, 28.5216, 17.6457 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(244, 95, 109)` looks like.

```
.text, #text, p{  
    color:rgb(244, 95, 109)  
}
```

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(244, 95, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 95, 109) }
```

Border

The CSS property to change the border of an element to XYZ 44.1608, 28.5216, 17.6457 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(244, 95, 109) }
```


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

```
.border{ border-color:rgb(244, 95, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 95, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 95, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 95, 109);  
box-shadow:4px 4px 4px 4px rgb(244, 95,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1608, 28.5216, 17.6457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 95, 109) }
```

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

```
.background{ background-color: rgb(244, 95,  
109) }
```

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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