

Converting Colors

XYZ(41.5613, 25.3679, 12.1572)

Have a look what the booklet for
XYZ(41.5613, 25.3679, 12.1572)
contains.

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Color

**XYZ(41.5613, 25.3679,
12.1572)**

Conversions

Conversions Part 1

Format	Color
Hex	F34F59
RGB	243, 79, 89
RGB Percent	95%, 31%, 35%
CMY	0.0471, 0.6902, 0.6510
CMYK	0.00, 0.67, 0.63, 0.05
HSL	356°, 87%, 63%
HSV	356°, 67%, 95%
XYZ	41.5613, 25.3679, 12.1572
YIQ	129.1760, 94.5340, 37.8780

Conversions

Conversions Part 2

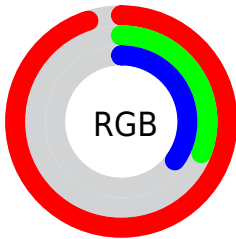
Format	Color
R_{YB}	243, 79, 89
Decimal	15945561
CIE Lab	57.43, 62.99, 30.30
CIE LCh	57, 69.899, 25.690
Yxy	25.3679, 0.5255, 0.3208
Android (android.graphics.Color)	4294135641 (0xFF34F59)
YUV	129.1760, -19.8068, 99.8236
Hunter-Lab	50.3666, 59.1525, 20.9455

Details

The XYZ color **41.5613, 25.3679, 12.1572** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **49.9850, 71.6473, 88.2925**, and the grayscale version is **20.9733, 22.0656, 24.0294**.

A 20% lighter version of the original color is **54.8459, 41.0154, 29.4522**, and **19.2770, 9.8851, 3.2749** is the 20% darker color. If you saturate the color by 10%, you get **39.3032, 22.1550, 7.3872**, and if you desaturate by 10%, it is **44.7578, 29.9828, 18.7051**.

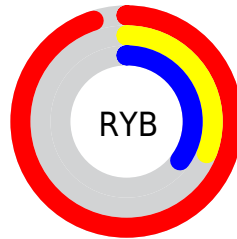
Distribution



Red (95%)

Green (31%)

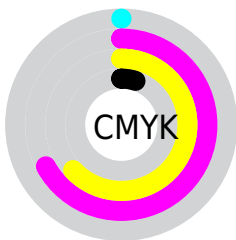
Blue (35%)



Red (95%)

Yellow (31%)

Blue (35%)

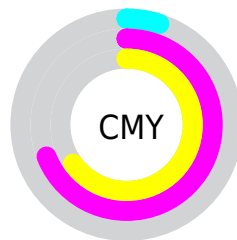


Cyan (0%)

Magenta (67%)

Yellow (63%)

Black (5%)



Cyan (5%)


Magenta (69%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5613, 25.3679, 12.1572 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 41.5613, 25.3679, 12.1572 by changing the saturation by 10% instead.


 41.5613, 25.3679,
12.1572


 41.5613, 25.3679,
12.1572


343.6838,
279.6652, 216.4580


 28.9475, 16.3514,
6.7270


 76.8046, 52.2534,
30.4498


 19.1852, 9.7731,
3.2161


 100.1648, 70.8912,
44.1492


 11.9090, 5.2488,
1.2060


 127.8379, 93.5049,
61.4421

 6.7535, 2.3940,
0.0000

 160.1892,
120.4788, 82.7471

 3.3534, 0.8228,
0.0000

 197.5841,
152.1974, 108.4826

 1.3433, 0.0000,
0.0000

240.3879,

 0.2153, 0.0000,

189.0451, 139.0672

0.0000

288.9660,
231.4062, 174.9195

■ 0.0000, 0.0000,
0.0000

■ 41.5613, 25.3679,
12.1572

■ 41.5613, 25.3679,
12.1572

■ 39.3032, 22.1550,
7.3872

■ 44.7578, 29.9828,
18.7051

■ 37.8794, 20.1811,
4.2193

■ 48.9783, 36.1307,
27.1815


■ 37.1594, 19.2397,
2.4425


■ 54.3008, 43.9320,
37.7222


■ 37.0468, 19.0885,
2.1765

■ 60.7953, 53.4945,
50.4505

■ 68.5259, 64.9164,
65.4801

 77.5522, 78.2890,
82.9166

 87.9297, 93.6973,
102.8594

 90.7719, 97.7946,
108.6998

Harmonies

Analogous

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



43.8055, 25.3679, 31.2043



41.5613, 25.3679, 12.1572



34.2829, 25.3679, 4.4461

Triad

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



41.5613, 25.3679, 12.1572



13.1774, 25.3679, 9.0266



22.9307, 25.3679, 102.9639

Complementary

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



41.5613, 25.3679, 12.1572



49.9850, 71.6473, 88.2925

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.



16.1816, 25.3679, 85.2613



41.5613, 25.3679, 12.1572



11.4328, 25.3679, 24.3237

Square

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



41.5613, 25.3679, 12.1572



17.8285, 25.3679, 3.5043



12.3910, 25.3679, 52.5782



31.7202, 25.3679, 92.7604

Rectangle

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



41.5613, 25.3679, 12.1572



28.2792, 25.3679, 2.7779



12.3910, 25.3679, 52.5782



20.3747, 25.3679, 99.8933

Sweetspot

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



41.5619, 25.3694, 12.1576



74.1084, 68.9560, 68.5039



52.2747, 29.2315, 87.6806



15.3334, 13.9778, 13.6352



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.



41.5619, 25.3694, 12.1576



43.1586, 23.7482, 6.7287



49.2915, 41.4551, 12.8028



16.5401, 16.4989, 17.3246



20.3486, 10.4829, 1.2779



1.8025, 0.9270, 0.1865

Inverse Universe

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



41.5619, 25.3694, 12.1576



43.1586, 23.7482, 6.7287



34.1436, 37.6150, 90.2544



16.5401, 16.4989, 17.3246



20.3486, 10.4829, 1.2779



1.8025, 0.9270, 0.1865

Previews

White Background



This preview shows how the XYZ color 41.5613, 25.3679, 12.1572 looks on a white background.

Color Contrast Check

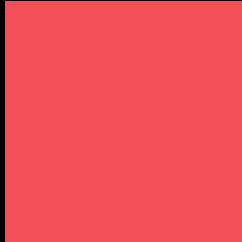
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5613, 25.3679, 12.1572 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 41.5613, 25.3679, 12.1572

Background



This preview shows how black text looks on a background with the XYZ color 41.5613, 25.3679, 12.1572.



This preview shows how white text looks on a background with the XYZ color 41.5613, 25.3679,

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

41.5613, 25.3679, 12.1572

Protanopia

23.9232, 25.4802, 19.2801

Deuteranopia

25.8849, 25.4214, 11.3271



Tritanopia

41.4310, 25.4321, 11.1127

Trichromacy



Original Color

41.5613, 25.3679, 12.1572

Protanomaly

27.9160, 23.5458, 16.1702

Deuteranomaly

30.0110, 24.0524, 11.4483

Tritanomaly

41.5105, 25.4639, 11.5313

Monochromacy



Original Color

41.5613, 25.3679, 12.1572

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

25.2993, 21.1298, 18.6646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5613, 25.3679, 12.1572 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(243, 79, 89)` looks like.

```
.text, #text, p{  
    color:rgb(243, 79, 89)  
}
```

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(243, 79, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 79, 89) }
```

Border

The CSS property to change the border of an element to XYZ 41.5613, 25.3679, 12.1572 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(243, 79, 89) }
```


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

```
.border{ border-color:rgb(243, 79, 89) }
```

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

Here you see how a box with a 4 pixel rgb(243, 79, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 79, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 79, 89);  
box-shadow:4px 4px 4px 4px rgb(243, 79,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5613, 25.3679, 12.1572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 79, 89) }
```

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

```
.background{ background-color: rgb(243, 79,  
89) }
```

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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