

Converting Colors

XYZ(41.8543, 25.8065, 13.1434)

Have a look what the booklet for
XYZ(41.8543, 25.8065, 13.1434)
contains.

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Color

**XYZ(41.9552, 25.8796,
13.1399)**

Conversions

Conversions Part 1

Format	Color
Hex	F3525D
RGB	243, 82, 93
RGB Percent	95%, 32%, 36%
CMY	0.0471, 0.6784, 0.6353
CMYK	0.00, 0.66, 0.62, 0.05
HSL	356°, 87%, 64%
HSV	356°, 66%, 95%
XYZ	41.9552, 25.8796, 13.1399
YIQ	131.3930, 92.4250, 37.5530

Conversions

Conversions Part 2

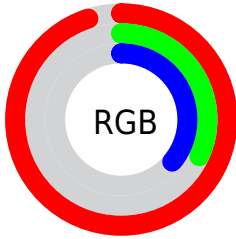
Format	Color
R_{YB}	243, 82, 93
Decimal	15946333
CIE Lab	57.92, 62.07, 28.62
CIE LCh	58, 68.351, 24.753
Yxy	25.8796, 0.5181, 0.3196
Android (android.graphics.Color)	4294136413 (0xFFFF3525D)
YUV	131.3930, -18.9277, 97.8793
Hunter-Lab	50.8720, 58.1867, 20.2962

Details

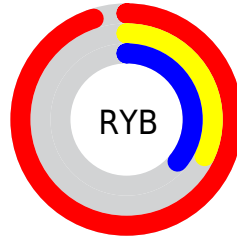
The XYZ color **41.9552, 25.8796, 13.1399** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **50.0978, 71.7218, 87.5541**, and the grayscale version is **21.7578, 22.8909, 24.9282**.

A 20% lighter version of the original color is **55.4305, 41.7084, 31.1156**, and **19.4006, 10.0388, 3.6045** is the 20% darker color. If you saturate the color by 10%, you get **39.5773, 22.4983, 8.1107**, and if you desaturate by 10%, it is **45.2796, 30.6794, 19.9492**.

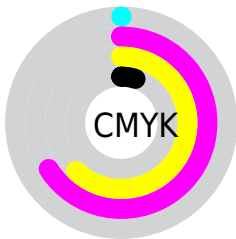
Distribution



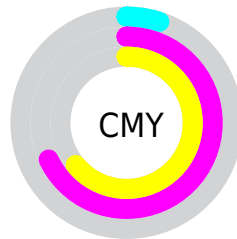
- Red (95%)
- Green (32%)
- Blue (36%)



- Red (95%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (66%)
- Yellow (62%)
- Black (5%)





- Cyan (5%)
- Magenta (68%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9552, 25.8796, 13.1399 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 41.9552, 25.8796, 13.1399 by changing the saturation by 10% instead.


 41.9552, 25.8796,
13.1399


 41.9552, 25.8796,
13.1399


345.2920,
282.1905, 223.0516


 29.2572, 16.7336,
7.3931


 77.3974, 53.0806,
32.2498


 19.4207, 10.0447,
3.6270


 100.8723, 71.9045,
46.4499

 12.0805, 5.4286,
1.4230


 128.6702, 94.7230,
64.3049

 6.8711, 2.5009,
0.1596

 161.1564,
121.9207, 86.2333

 3.4272, 0.8771,
0.0000

198.6964,
153.8819, 112.6536

 1.3835, 0.0000,
0.0000

241.6554,

 0.2444, 0.0000,

190.9910, 143.9844

0.0000

290.3988,
233.6324, 180.6442

■ 0.0000, 0.0000,
0.0000

■ 41.9552, 25.8796,
13.1399

■ 41.9552, 25.8796,
13.1399

■ 39.5773, 22.4983,
8.1107

■ 45.2796, 30.6794,
19.9492

■ 38.0449, 20.3763,
4.6938

■ 49.6339, 37.0259,
28.6830


■ 37.2371, 19.3229,
2.6912


■ 55.0947, 45.0380,
39.4724


■ 37.0599, 19.0938,
2.2458

■ 61.7304, 54.8216,
52.4368

■ 69.6042, 66.4741,
67.6861

 78.7746, 80.0856,
85.3231

 89.2966, 95.7404,
105.4441

 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.



43.9680, 25.8796, 32.5312



41.9552, 25.8796, 13.1399



34.9107, 25.8796, 5.0028

Triad

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



41.9552, 25.8796, 13.1399



13.8027, 25.8796, 9.2774



23.1783, 25.8796, 101.7238

Complementary

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



41.9552, 25.8796, 13.1399



50.0978, 71.7218, 87.5541

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.



16.5467, 25.8796, 83.7841



41.9552, 25.8796, 13.1399



11.9620, 25.8796, 24.2324

Square

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



41.9552, 25.8796, 13.1399



18.5474, 25.8796, 3.8040



12.8411, 25.8796, 51.7415



31.8388, 25.8796, 92.6529

Rectangle

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



41.9552, 25.8796, 13.1399



29.0000, 25.8796, 3.1672



12.8411, 25.8796, 51.7415



20.6653, 25.8796, 98.4513

Sweetspot

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



41.9558, 25.8811, 13.1403



74.1543, 68.9743, 68.7457



51.6953, 29.2614, 87.7168



15.3441, 13.9821, 13.6917



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.



41.9558, 25.8811, 13.1403



43.3758, 24.0085, 7.3378



49.2469, 41.1871, 13.3391



16.5450, 16.5009, 17.3506



20.3569, 10.4862, 1.3221



1.8049, 0.9279, 0.1990

Inverse Universe

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



41.9558, 25.8811, 13.1403



43.3758, 24.0085, 7.3378



35.1679, 39.2849, 90.5227



16.5450, 16.5009, 17.3506



20.3569, 10.4862, 1.3221



1.8049, 0.9279, 0.1990

Previews

White Background



This preview shows how the XYZ color 41.9552, 25.8796, 13.1399 looks on a white background.

Color Contrast Check

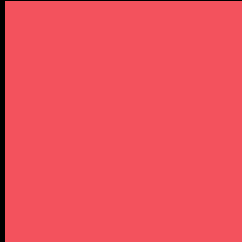
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9552, 25.8796, 13.1399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

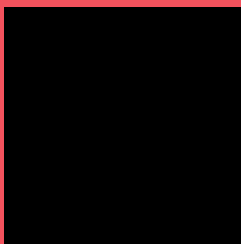
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.9552, 25.8796, 13.1399

Background



This preview shows how black text looks on a background with the XYZ color 41.9552, 25.8796, 13.1399.



This preview shows how white text looks on a background with the XYZ color 41.9552, 25.8796,

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

41.9552, 25.8796, 13.1399

Protanopia

24.4761, 25.9526, 20.5490

Deuteranopia

26.3894, 25.8660, 12.1961



Tritanopia

41.8169, 25.9458, 12.0366

Trichromacy



Original Color

41.9552, 25.8796, 13.1399

Protanomaly

28.4766, 23.9847, 17.3160

Deuteranomaly

30.5437, 24.4750, 12.3468

Tritanomaly

41.9009, 25.9794, 12.4790

Monochromacy



Original Color

41.9552, 25.8796, 13.1399

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

26.1293, 21.8653, 19.6729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9552, 25.8796, 13.1399 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, 82, 93)` looks like.

```
.text, #text, p{  
    color:rgb(243, 82, 93)  
}
```

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, 82, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 82, 93) }
```

Border

The CSS property to change the border of an element to XYZ 41.9552, 25.8796, 13.1399 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, 82, 93) }
```


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

```
.border{ border-color:rgb(243, 82, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 82, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 82, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 82, 93);  
box-shadow:4px 4px 4px 4px rgb(243, 82,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9552, 25.8796, 13.1399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 82, 93) }
```

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

```
.background{ background-color: rgb(243, 82,  
93) }
```

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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