

Converting Colors

XYZ(46.0071, 26.4607, 6.7898)

Have a look what the booklet for
XYZ(46.0071, 26.4607, 6.7898)
contains.

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Color

**XYZ(43.9197, 25.3564,
6.7171)**

Conversions

Conversions Part 1

Format	Color
Hex	FF413B
RGB	255, 65, 59
RGB Percent	100%, 25%, 23%
CMY	0.0000, 0.7450, 0.7686
CMYK	0.00, 0.75, 0.77, 0.00
HSL	2°, 100%, 62%
HSV	2°, 77%, 100%
XYZ	43.9197, 25.3564, 6.7171
YIQ	121.1260, 115.1660, 38.4140

Conversions

Conversions Part 2

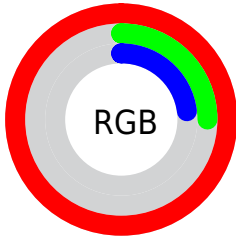
Format	Color
R_{YB}	255, 65, 59
Decimal	16728379
CIE _{Lab}	57.42, 70.08, 47.56
CIE _{LCh}	57, 84.699, 34.162
Yxy	25.3564, 0.5779, 0.3337
Android (android.graphics.Color)	4294918459 (0xFFFF413B)
YUV	121.1260, -30.6281, 117.4075
Hunter-Lab	50.3551, 67.5660, 27.3396

Details

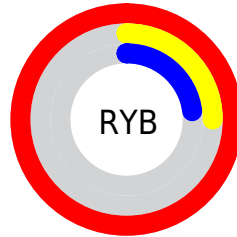
The XYZ color **43.9197, 25.3564, 6.7171** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **53.7244, 75.8916, 106.4239**, and the grayscale version is **18.2866, 19.2389, 20.9512**.

A 20% lighter version of the original color is **51.4076, 37.2644, 18.6706**, and **21.0655, 10.8505, 1.3995** is the 20% darker color. If you saturate the color by 10%, you get **42.2901, 22.9102, 3.6691**, and if you desaturate by 10%, it is **46.4932, 29.1751, 11.6716**.

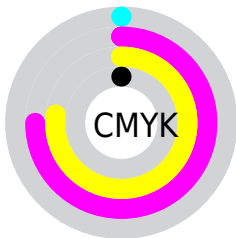
Distribution



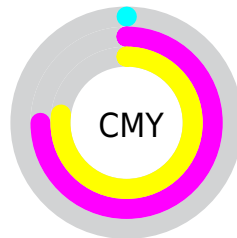
- Red (100%)
- Green (25%)
- Blue (23%)



- Red (100%)
- Yellow (25%)
- Blue (23%)



- Cyan (0%)
- Magenta (75%)
- Yellow (77%)
- Black (0%)





- Cyan (0%)
- Magenta (75%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9197, 25.3564, 6.7171 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 43.9197, 25.3564, 6.7171 by changing the saturation by 10% instead.


 43.9197, 25.3564,
6.7171

 43.9197, 25.3564,
6.7171


353.2382,
279.6082, 174.8326


 30.8050, 16.3428,
3.2101


 80.3440, 52.2348,
19.9049

 20.6015, 9.7670,
1.2029


 104.3843, 70.8684,
30.4227


 12.9438, 5.2448,
0.0000


 132.7972, 93.4775,
44.1145

 7.4666, 2.3916,
0.0000

 165.9481,
120.4463, 61.3989

 3.8045, 0.8216,
0.0000

 204.2023,
152.1595, 82.6943

 1.5921, 0.0000,
0.0000

 247.9251,

 0.3873, 0.0000,

189.0012, 108.4194

0.0000

297.4820,
231.3560, 138.9927

■ 0.0000, 0.0000,
0.0000

■ 43.9197, 25.3564,
6.7171

■ 43.9197, 25.3564,
6.7171

■ 42.2901, 22.9102,
3.6691

■ 46.4932, 29.1751,
11.6716

■ 41.4626, 21.6356,
2.2205

■ 50.1224, 34.5220,
18.7737

■ 41.3246, 21.4297,
1.9583

■ 54.9050, 41.5370,
28.2304

■ 60.9276, 50.3427,
40.2242

■ 68.2680, 61.0506,
54.9195

■ 76.9981, 73.7627,
72.4668

■ 87.1842, 88.5741,
93.0057

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



49.0100, 25.3564, 23.7785



43.9197, 25.3564, 6.7171



33.5558, 25.3564, 1.7379

Triad

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



43.9197, 25.3564, 6.7171



10.5428, 25.3564, 9.8146



25.5325, 25.3564, 127.9706

Complementary

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



43.9197, 25.3564, 6.7171



53.7244, 75.8916, 106.4239

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.



16.6125, 25.3564, 113.5538



43.9197, 25.3564, 6.7171



9.4943, 25.3564, 31.8298

Square

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



43.9197, 25.3564, 6.7171



14.7856, 25.3564, 2.4553



11.3730, 25.3564, 71.8852



36.6815, 25.3564, 103.5377

Rectangle

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



43.9197, 25.3564, 6.7171



26.1227, 25.3564, 1.0322



11.3730, 25.3564, 71.8852



22.1855, 25.3564, 127.5784

Sweetspot

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



43.9203, 25.3579, 6.7175



71.4720, 65.7181, 61.3516



60.3320, 31.3991, 94.7541



14.6553, 13.1301, 11.8414



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.



43.9203, 25.3579, 6.7175



41.7757, 22.1236, 2.7491



54.6462, 46.8097, 10.2928



18.0541, 18.0763, 18.6819



21.6125, 11.2362, 1.0297



2.1194, 1.1241, 0.1053

Inverse Universe

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



53.7244, 75.8916, 106.4239



51.8529, 74.3854, 106.2326



31.3651, 31.1730, 98.9708



18.5043, 20.3801, 23.2084



26.8603, 38.6302, 55.4753



2.6297, 3.7902, 5.4062

Previews

White Background



This preview shows how the XYZ color 43.9197, 25.3564, 6.7171 looks on a white background.

Color Contrast Check

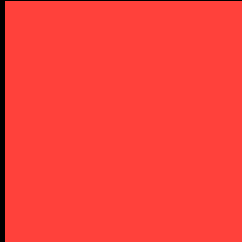
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.9197, 25.3564, 6.7171 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 43.9197, 25.3564, 6.7171

Background



This preview shows how black text looks on a background with the XYZ color 43.9197, 25.3564, 6.7171.



This preview shows how white text looks on a background with the XYZ color 43.9197, 25.3564,

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

43.9197, 25.3564, 6.7171

Protanopia

23.3362, 25.3503, 11.4477

Deuteranopia

25.8235, 25.3063, 6.0062



Tritanopia

44.0568, 25.3201, 7.7195

Trichromacy



Original Color

43.9197, 25.3564, 6.7171

Protanomaly

27.8733, 22.6687, 9.2097

Deuteranomaly

30.4620, 23.4422, 5.9369

Tritanomaly

43.9706, 25.2857, 7.2657

Monochromacy



Original Color

43.9197, 25.3564, 6.7171

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

23.4358, 18.7353, 13.9363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9197, 25.3564, 6.7171 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(255, 65, 59)` looks like.

```
.text, #text, p{  
    color:rgb(255, 65, 59)  
}
```

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(255, 65, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 65, 59) }
```

Border

The CSS property to change the border of an element to XYZ 43.9197, 25.3564, 6.7171 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(255, 65, 59) }
```


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

```
.border{ border-color:rgb(255, 65, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 65, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 65, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 65, 59);  
box-shadow:4px 4px 4px 4px rgb(255, 65,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9197, 25.3564, 6.7171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 65, 59) }
```

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

```
.background{ background-color: rgb(255, 65,  
59) }
```

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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