

Converting Colors

XYZ(56.5201, 31.5015, 10.5240)

Have a look what the booklet for
XYZ(56.5201, 31.5015, 10.5240)
contains.

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Color

**XYZ(44.3739, 25.2698,
9.9359)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3E4F
RGB	255, 62, 79
RGB Percent	100%, 24%, 31%
CMY	0.0000, 0.7568, 0.6902
CMYK	0.00, 0.76, 0.69, 0.00
HSL	355°, 100%, 62%
HSV	355°, 76%, 100%
XYZ	44.3739, 25.2698, 9.9359
YIQ	121.6450, 109.5710, 46.2030

Conversions

Conversions Part 2

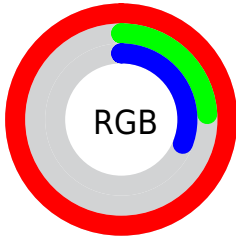
Format	Color
R_{YB}	255, 62, 79
Decimal	16727631
CIE Lab	57.34, 71.77, 36.40
CIE LCh	57, 80.476, 26.893
Yxy	25.2698, 0.5576, 0.3175
Android (android.graphics.Color)	4294917711 (0xFFFF3E4F)
YUV	121.6450, -21.0240, 116.9523
Hunter-Lab	50.2691, 69.5960, 23.4694

Details

The XYZ color **44.3739, 25.2698, 9.9359** 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 **53.1821, 78.7180, 93.2911**, and the grayscale version is **18.4264, 19.3860, 21.1113**.

A 20% lighter version of the original color is **52.3439, 37.2338, 24.8501**, and **21.5386, 11.0685, 2.5913** is the 20% darker color. If you saturate the color by 10%, you get **42.5939, 22.8361, 5.8716**, and if you desaturate by 10%, it is **47.1008, 29.1244, 15.7761**.

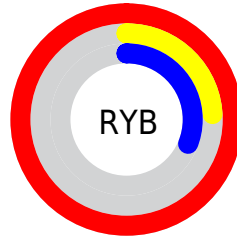
Distribution



Red (100%)

Green (24%)

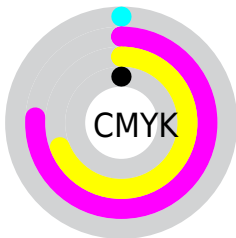
Blue (31%)



Red (100%)

Yellow (24%)

Blue (31%)

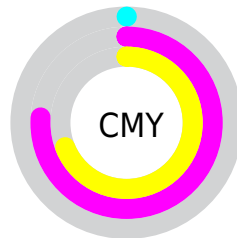


Cyan (0%)

Magenta (76%)

Yellow (69%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3739, 25.2698, 9.9359 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 44.3739, 25.2698, 9.9359 by changing the saturation by 10% instead.

 44.3739, 25.2698,
9.9359


 44.3739, 25.2698,
9.9359


355.0584,
279.1789, 200.6821

 31.1637, 16.2782,
5.2514


 81.0229, 52.0946,
26.2808


 20.8760, 9.7212,
2.3342


 105.1925, 70.6965,
38.7783

 13.1453, 5.2145,
0.7503


 133.7460, 93.2707,
54.7172

 7.6064, 2.3737,
0.0000

 167.0486,
120.2015, 74.5161

 3.8938, 0.8123,
0.0000

 205.4658,
151.8733, 98.5935

 1.6422, 0.0000,
0.0000

249.3630,

 0.4197, 0.0000,

188.6706, 127.3680

0.0000

299.1054,
230.9776, 161.2580

■ 0.0000, 0.0000,
0.0000

■ 44.3739, 25.2698,
9.9359

■ 44.3739, 25.2698,
9.9359

■ 42.5939, 22.8361,
5.8716

■ 47.1008, 29.1244,
15.7761

■ 41.6270, 21.6065,
3.3781


■ 50.8810, 34.5673,
23.5643


■ 41.3888, 21.3195,
2.7153

■ 55.8086, 41.7476,
33.4531

■ 61.9665, 50.7957,
45.5798

■ 69.4302, 61.8298,
60.0700

 78.2689, 74.9584,
77.0400

 88.5471, 90.2819,
96.5982

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.



47.3860, 25.2698, 30.4612



44.3739, 25.2698, 9.9359



35.4955, 25.2698, 2.7999

Triad

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



44.3739, 25.2698, 9.9359



11.6962, 25.2698, 7.6390



23.0376, 25.2698, 120.3737

Complementary

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



44.3739, 25.2698, 9.9359



53.1821, 78.7180, 93.2911

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.



15.3274, 25.2698, 99.1517



44.3739, 25.2698, 9.9359



9.9630, 25.2698, 24.7643

Square

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



44.3739, 25.2698, 9.9359



16.6396, 25.2698, 2.2240



11.0916, 25.2698, 58.7754



33.3078, 25.2698, 105.9960

Rectangle

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



44.3739, 25.2698, 9.9359



28.4228, 25.2698, 1.5112



11.0916, 25.2698, 58.7754



20.0939, 25.2698, 116.9523

Sweetspot

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



44.3745, 25.2713, 9.9363



71.6619, 65.1391, 64.3707



54.2662, 28.4486, 97.2380



14.6998, 12.9954, 12.5463



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.



44.3745, 25.2713, 9.9363



41.9883, 22.0480, 4.3642



51.3726, 40.1337, 9.5986



18.0743, 18.0130, 19.0083



21.6487, 11.1488, 1.5344



2.1289, 1.0939, 0.2601

Inverse Universe

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



44.3745, 25.2713, 9.9363



41.9883, 22.0480, 4.3642



35.9192, 40.0081, 100.4363



18.0743, 18.0130, 19.0083



21.6487, 11.1488, 1.5344



2.1289, 1.0939, 0.2601

Previews

White Background



This preview shows how the XYZ color 44.3739, 25.2698, 9.9359 looks on a white background.

Color Contrast Check

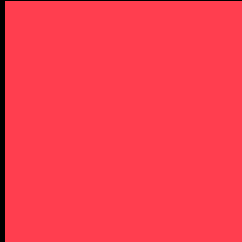
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.3739, 25.2698, 9.9359 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 44.3739, 25.2698, 9.9359

Background



This preview shows how black text looks on a background with the XYZ color 44.3739, 25.2698, 9.9359.



This preview shows how white text looks on a background with the XYZ color 44.3739, 25.2698,

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

44.3739, 25.2698, 9.9359

Protanopia

23.7749, 25.4415, 17.5676

Deuteranopia

25.7373, 25.1960, 8.9757



Tritanopia

44.0568, 25.3201, 7.7195

Trichromacy



Original Color

44.3739, 25.2698, 9.9359

Protanomaly

27.9833, 22.4540, 14.1684

Deuteranomaly

30.4111, 23.1935, 9.0048

Tritanomaly

44.1548, 25.2699, 8.5116

Monochromacy



Original Color

44.3739, 25.2698, 9.9359

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

23.7363, 18.7010, 15.9943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3739, 25.2698, 9.9359 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, 62, 79)` looks like.

```
.text, #text, p{  
    color:rgb(255, 62, 79)  
}
```

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, 62, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 62, 79) }
```

Border

The CSS property to change the border of an element to XYZ 44.3739, 25.2698, 9.9359 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, 62, 79) }
```


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

```
.border{ border-color:rgb(255, 62, 79) }
```

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

Here you see how a box with a 4 pixel rgb(255, 62, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 62, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 62, 79);  
box-shadow:4px 4px 4px 4px rgb(255, 62,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3739, 25.2698, 9.9359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 62, 79) }
```

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

```
.background{ background-color: rgb(255, 62,  
79) }
```

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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