

Converting Colors

XYZ(44.0631, 25.4277, 9.2146)

Have a look what the booklet for
XYZ(44.0631, 25.4277, 9.2146)
contains.

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Color

**XYZ(44.0913, 25.4753,
9.2500)**

Conversions

Conversions Part 1

Format	Color
Hex	FE424B
RGB	254, 66, 75
RGB Percent	100%, 26%, 29%
CMY	0.0039, 0.7411, 0.7059
CMYK	0.00, 0.74, 0.70, 0.00
HSL	357°, 99%, 63%
HSV	357°, 74%, 100%
XYZ	44.0913, 25.4753, 9.2500
YIQ	123.2380, 109.1590, 42.6550

Conversions

Conversions Part 2

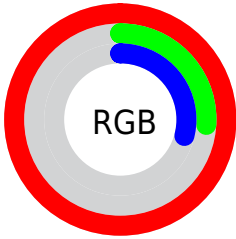
Format	Color
RYB	254, 66, 75
Decimal	16663115
CIELab	57.54, 70.09, 38.86
CIElCh	58, 80.147, 29.007
Yxy	25.4753, 0.5594, 0.3232
Android (android.graphics.Color)	4294853195 (0xFFFE424B)
YUV	123.2380, -23.7813, 114.6783
Hunter-Lab	50.4731, 67.6028, 24.4653

Details

The XYZ color **44.0913, 25.4753, 9.2500** 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 **54.1727, 78.6353, 98.7194**, and the grayscale version is **18.9581, 19.9454, 21.7206**.

A 20% lighter version of the original color is **52.4675, 37.8940, 23.6177**, and **21.2336, 10.9177, 2.2845** is the 20% darker color. If you saturate the color by 10%, you get **42.2459, 22.8674, 5.2979**, and if you desaturate by 10%, it is **46.9105, 29.5283, 15.0783**.

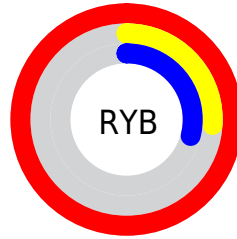
Distribution



Red (100%)

Green (26%)

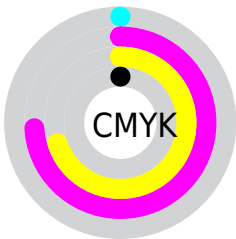
Blue (29%)



Red (100%)

Yellow (26%)

Blue (29%)

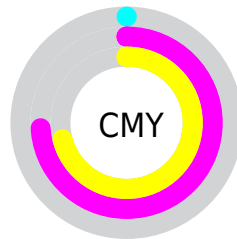


Cyan (0%)

Magenta (74%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0913, 25.4753, 9.2500 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 44.0913, 25.4753, 9.2500 by changing the saturation by 10% instead.


 44.0913, 25.4753,
9.2500


 44.0913, 25.4753,
9.2500


353.9266,
280.1968, 195.5183


 30.9405, 16.4315,
4.8056


 80.6006, 52.4273,
24.9603


 20.7052, 9.8300,
2.0769


 104.6898, 71.1042,
37.0633


 13.0199, 5.2864,
0.6020


 133.1559, 93.7610,
52.5561

 7.5193, 2.4163,
0.0000

 166.3642,
120.7821, 71.8575

 3.8382, 0.8342,
0.0000

 204.6801,
152.5518, 95.3858

 1.6110, 0.0000,
0.0000

248.4689,

 0.3996, 0.0000,

189.4546, 123.5597

0.0000

298.0959,
231.8748, 156.7977

■ 0.0000, 0.0000,
0.0000

■ 44.0913, 25.4753,
9.2500

■ 44.0913, 25.4753,
9.2500

■ 42.2459, 22.8674,
5.2979

■ 46.9105, 29.5283,
15.0783

■ 41.2402, 21.4959,
2.9901


■ 50.8110, 35.1894,
22.9755


■ 40.9400, 21.0976,
2.2669

■ 55.8881, 42.6046,
33.1118

■ 62.2261, 51.9024,
45.6393

■ 69.9016, 63.1991,
60.6969

 78.9852, 76.6019,
78.4128

 89.5424, 92.2101,
98.9066

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



47.6128, 25.4753, 28.6596



44.0913, 25.4753, 9.2500



34.9565, 25.4753, 2.6667

Triad

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



44.0913, 25.4753, 9.2500



11.6344, 25.4753, 8.5115



23.8967, 25.4753, 120.5813

Complementary

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



44.0913, 25.4753, 9.2500



54.1727, 78.6353, 98.7194

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.



15.9335, 25.4753, 101.6821



44.0913, 25.4753, 9.2500



10.1003, 25.4753, 26.8369

Square

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



44.0913, 25.4753, 9.2500



16.3541, 25.4753, 2.4800



11.4403, 25.4753, 61.8655



34.2572, 25.4753, 103.8641

Rectangle

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



44.0913, 25.4753, 9.2500



27.8875, 25.4753, 1.5155



11.4403, 25.4753, 61.8655



20.8773, 25.4753, 118.0494

Sweetspot

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



44.0919, 25.4768, 9.2504



72.2516, 66.3053, 64.6080



57.3551, 30.3944, 96.6091



14.9693, 13.4616, 12.8600



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.



44.0919, 25.4768, 9.2504



42.0210, 22.2387, 3.9885



52.8601, 43.4713, 10.7613



18.0446, 18.0011, 18.8518



21.5989, 11.1288, 1.2722



2.1148, 1.0883, 0.1861

Inverse Universe

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



44.0919, 25.4768, 9.2504



42.0210, 22.2387, 3.9885



34.4007, 36.8417, 99.0634



18.0446, 18.0011, 18.8518



21.5989, 11.1288, 1.2722



2.1148, 1.0883, 0.1861

Previews

White Background



This preview shows how the XYZ color 44.0913, 25.4753, 9.2500 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



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 44.0913, 25.4753, 9.2500

Background



This preview shows how black text looks on a background with the XYZ color 44.0913, 25.4753, 9.2500.



This preview shows how white text looks on a background with the XYZ color 44.0913, 25.4753,

9.2500.

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

44.0913, 25.4753, 9.2500

Protanopia

23.8319, 25.5061, 15.9790

Deuteranopia

25.9713, 25.5306, 8.4096



Tritanopia

43.9544, 25.5148, 8.2384

Trichromacy



Original Color

44.0913, 25.4753, 9.2500

Protanomaly

28.2195, 22.9258, 13.0630

Deuteranomaly

30.4933, 23.5600, 8.4092

Tritanomaly

44.0175, 25.5401, 8.5710

Monochromacy



Original Color

44.0913, 25.4753, 9.2500

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

24.1475, 19.2013, 16.0692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0913, 25.4753, 9.2500 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(254, 66, 75)` looks like.

```
.text, #text, p{  
    color:rgb(254, 66, 75)  
}
```

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(254, 66, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 66, 75) }
```

Border

The CSS property to change the border of an element to XYZ 44.0913, 25.4753, 9.2500 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(254, 66, 75) }
```


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

```
.border{ border-color:rgb(254, 66, 75) }
```

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

Here you see how a box with a 4 pixel rgb(254, 66, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 66, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 66, 75);  
box-shadow:4px 4px 4px 4px rgb(254, 66,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0913, 25.4753, 9.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 66, 75) }
```

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

```
.background{ background-color: rgb(254, 66,  
75) }
```

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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