

Converting Colors

XYZ(43.0222, 25.9878, 9.5125)

Have a look what the booklet for
XYZ(43.0222, 25.9878, 9.5125)
contains.

XYZ(43.0253, 25.9693, 9.5824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.0253, 25.9693,
9.5824)**

Conversions

Conversions Part 1

Format	Color
Hex	F94D4C
RGB	249, 77, 76
RGB Percent	98%, 30%, 30%
CMY	0.0235, 0.6980, 0.7020
CMYK	0.00, 0.69, 0.69, 0.02
HSL	0°, 94%, 64%
HSV	0°, 69%, 98%
XYZ	43.0253, 25.9693, 9.5824
YIQ	128.3140, 102.8330, 36.1530

Conversions

Conversions Part 2

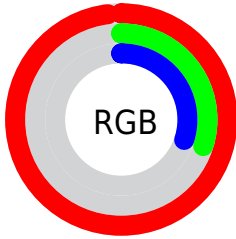
Format	Color
R_{YB}	249, 77, 76
Decimal	16338252
CIE _{Lab}	58.01, 64.91, 38.64
CIE _{LCh}	58, 75.542, 30.763
Yxy	25.9693, 0.5476, 0.3305
Android (android.graphics.Color)	4294528332 (0xFFFF94D4C)
YUV	128.3140, -25.7908, 105.8416
Hunter-Lab	50.9601, 61.5264, 24.5233

Details

The XYZ color **43.0253, 25.9693, 9.5824** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **53.6432, 75.5037, 101.3683**, and the grayscale version is **20.6902, 21.7677, 23.7051**.

A 20% lighter version of the original color is **53.6056, 40.0686, 24.3107**, and **20.2549, 10.4132, 2.2387** is the 20% darker color. If you saturate the color by 10%, you get **40.9059, 22.8585, 5.3998**, and if you desaturate by 10%, it is **46.1392, 30.5341, 15.7483**.

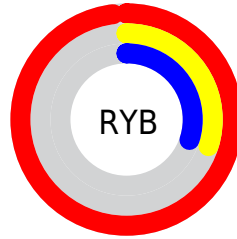
Distribution



Red (98%)

Green (30%)

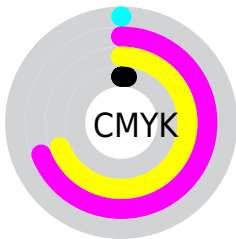
Blue (30%)



Red (98%)

Yellow (30%)

Blue (30%)

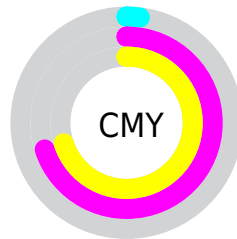


Cyan (0%)

Magenta (69%)

Yellow (69%)

Black (2%)



Cyan (2%)


Magenta (70%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0253, 25.9693, 9.5824 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 43.0253, 25.9693, 9.5824 by changing the saturation by 10% instead.


 43.0253, 25.9693,
9.5824

 43.0253, 25.9693,
9.5824


349.6356,
282.6313, 198.0403


 30.0996, 16.8007,
5.0210


 79.0045, 53.2254,
25.6024

 20.0626, 10.0925,
2.2006


 102.7887, 72.0817,
37.8982


 12.5491, 5.4603,
0.6747


 130.9231, 94.9360,
53.6091

 7.1936, 2.5198,
0.0000

 163.7731,
122.1727, 73.1537

 3.6309, 0.8865,
0.0000

 201.7039,
154.1762, 96.9506

 1.4955, 0.0000,
0.0000

245.0811,

 0.3228, 0.0000,

191.3308, 125.4183

0.0000

294.2698,
234.0211, 158.9754

■ 0.0000, 0.0000,
0.0000

■ 43.0253, 25.9693,
9.5824

■ 43.0253, 25.9693,
9.5824

■ 40.9059, 22.8585,
5.3998

■ 46.1392, 30.5341,
15.7483

■ 39.6589, 21.0222,
2.9565

■ 50.3473, 36.6960,
24.1008


■ 39.1036, 20.2021,
1.8758


■ 55.7392, 44.5861,
34.8191


■ 39.0824, 20.1712,
1.8336

■ 62.3948, 54.3206,
48.0638

■ 70.3869, 66.0058,
63.9814

 79.7830, 79.7397,
82.7072

 90.6458, 95.6139,
104.3674

 92.8766, 98.8796,
108.7983

Harmonies

Analogous

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



46.6965, 25.9693, 27.6129



43.0253, 25.9693, 9.5824



34.2767, 25.9693, 3.1940

Triad

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



43.0253, 25.9693, 9.5824



12.3256, 25.9693, 10.1563



24.9172, 25.9693, 114.0839

Complementary

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



43.0253, 25.9693, 9.5824



53.6432, 75.5037, 101.3683

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.



17.0707, 25.9693, 98.6357



43.0253, 25.9693, 9.5824



10.9732, 25.9693, 28.9500

Square

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



43.0253, 25.9693, 9.5824



16.7564, 25.9693, 3.3528



12.4731, 25.9693, 62.5264



34.7824, 25.9693, 97.1060

Rectangle

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



43.0253, 25.9693, 9.5824



27.6062, 25.9693, 2.0306



12.4731, 25.9693, 62.5264



21.9738, 25.9693, 112.4525

Sweetspot

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



43.0259, 25.9708, 9.5828



72.9006, 67.6281, 64.7476



58.7499, 32.1481, 92.7307



15.0868, 13.7195, 12.8290



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.



43.0259, 25.9708, 9.5828



42.6052, 23.2824, 4.5677



53.3798, 46.6786, 13.0341



17.2528, 17.2414, 17.8810



20.9239, 10.8044, 0.9827



1.9407, 1.0062, 0.0919

Inverse Universe

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



53.6432, 75.5037, 101.3683



54.4277, 78.4747, 106.8862



33.0879, 34.3933, 94.5165



17.7567, 19.5902, 22.2307



27.0501, 39.4558, 54.1636



2.5080, 3.6598, 5.0174

Previews

White Background



This preview shows how the XYZ color 43.0253, 25.9693, 9.5824 looks on a white background.

Color Contrast Check

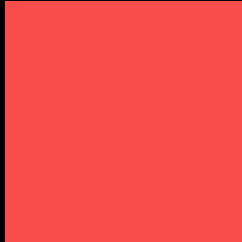
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0253, 25.9693, 9.5824 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 43.0253, 25.9693, 9.5824

Background



This preview shows how black text looks on a background with the XYZ color 43.0253, 25.9693, 9.5824.



This preview shows how white text looks on a background with the XYZ color 43.0253, 25.9693,

9.5824.

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

43.0253, 25.9693, 9.5824

Protanopia

24.3927, 26.2363, 15.5829

Deuteranopia

26.3842, 25.9391, 8.7704



Tritanopia

43.0993, 25.8878, 10.3147

Trichromacy



Original Color

43.0253, 25.9693, 9.5824

Protanomaly

28.7431, 24.0427, 13.0233

Deuteranomaly

30.8300, 24.5318, 8.9045

Tritanomaly

43.0626, 25.8731, 10.1215

Monochromacy



Original Color

43.0253, 25.9693, 9.5824

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

25.2422, 20.8121, 17.1547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0253, 25.9693, 9.5824 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(249, 77, 76)` looks like.

```
.text, #text, p{  
    color:rgb(249, 77, 76)  
}
```

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(249, 77, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 77, 76) }
```

Border

The CSS property to change the border of an element to XYZ 43.0253, 25.9693, 9.5824 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(249, 77, 76) }
```


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

```
.border{ border-color:rgb(249, 77, 76) }
```

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

Here you see how a box with a 4 pixel rgb(249, 77, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 77, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 77, 76);  
box-shadow:4px 4px 4px 4px rgb(249, 77,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0253, 25.9693, 9.5824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 77, 76) }
```

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

```
.background{ background-color: rgb(249, 77,  
76) }
```

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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