

Converting Colors

XYZ(52.7311, 29.4441, 9.9453)

Have a look what the booklet for
XYZ(52.7311, 29.4441, 9.9453)
contains.

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Color

**XYZ(44.1954, 25.0275,
9.5226)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3C4D
RGB	255, 60, 77
RGB Percent	100%, 24%, 30%
CMY	0.0000, 0.7646, 0.6980
CMYK	0.00, 0.76, 0.70, 0.00
HSL	355°, 100%, 62%
HSV	355°, 76%, 100%
XYZ	44.1954, 25.0275, 9.5226
YIQ	120.2430, 110.7630, 46.6270

Conversions

Conversions Part 2

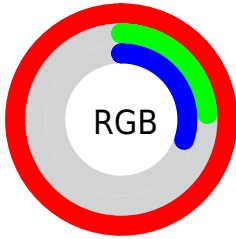
Format	Color
RYB	255, 60, 77
Decimal	16727117
CIELab	57.10, 72.27, 37.26
CIELCh	57, 81.307, 27.277
Yxy	25.0275, 0.5612, 0.3178
Android (android.graphics.Color)	4294917197 (0xFFFF3C4D)
YUV	120.2430, -21.3188, 118.1819
Hunter-Lab	50.0275, 70.1428, 23.7336

Details

The XYZ color **44.1954, 25.0275, 9.5226** 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 **53.0588, 78.6546, 93.2850**, and the grayscale version is **17.9737, 18.9097, 20.5927**.

A 20% lighter version of the original color is **52.0889, 36.9323, 24.1219**, and **21.5097, 11.0570, 2.4394** is the 20% darker color. If you saturate the color by 10%, you get **42.4860, 22.6973, 5.5977**, and if you desaturate by 10%, it is **46.8427, 28.7638, 15.2106**.

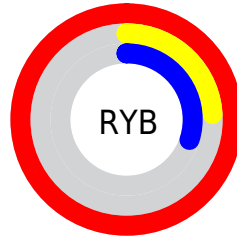
Distribution



Red (100%)

Green (24%)

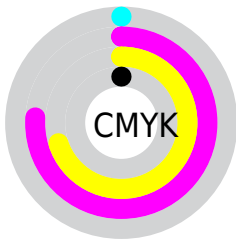
Blue (30%)



Red (100%)

Yellow (24%)

Blue (30%)

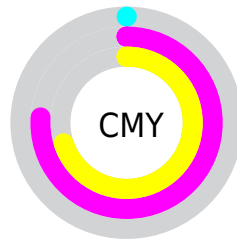


Cyan (0%)

Magenta (76%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1954, 25.0275, 9.5226 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 44.1954, 25.0275, 9.5226 by changing the saturation by 10% instead.


 44.1954, 25.0275,
9.5226


 44.1954, 25.0275,
9.5226


354.3438,
277.9749, 197.5894

 31.0227, 16.0975,
4.9822


 80.7562, 51.7018,
25.4872


 20.7681, 9.5932,
2.1782


 104.8751, 70.2150,
37.7485


 13.0661, 5.1301,
0.6618


 133.3734, 92.6914,
53.4204

 7.5514, 2.3238,
0.0000

 166.6164,
119.5153, 72.9216

 3.8586, 0.7863,
0.0000

 204.9697,
151.0712, 96.6706

 1.6225, 0.0000,
0.0000

248.7984,

 0.4070, 0.0000,

187.7435, 125.0858

0.0000

298.4680,
229.9166, 158.5859

■ 0.0000, 0.0000,
0.0000

■ 44.1954, 25.0275,
9.5226

■ 44.1954, 25.0275,
9.5226

■ 42.4860, 22.6973,
5.5977

■ 46.8427, 28.7638,
15.2106

■ 41.5776, 21.5516,
3.2267


■ 50.5360, 34.0761,
22.8363


■ 41.3866, 21.3186,
2.7035

■ 55.3702, 41.1151,
32.5541

■ 61.4293, 50.0124,
44.5029

■ 68.7891, 60.8872,
58.8094

 77.5195, 73.8485,
75.5907

 87.6852, 88.9974,
94.9564

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



47.3299, 25.0275, 29.8337



44.1954, 25.0275, 9.5226



35.1955, 25.0275, 2.6058

Triad

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



44.1954, 25.0275, 9.5226



11.4156, 25.0275, 7.5279



22.9238, 25.0275, 121.1642

Complementary

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



44.1954, 25.0275, 9.5226



53.0588, 78.6546, 93.2850

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.



15.1574, 25.0275, 100.0542



44.1954, 25.0275, 9.5226



9.7277, 25.0275, 24.8213

Square

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



44.1954, 25.0275, 9.5226



16.3073, 25.0275, 2.1162



10.8877, 25.0275, 59.2699



33.2645, 25.0275, 106.1362

Rectangle

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



44.1954, 25.0275, 9.5226



28.0783, 25.0275, 1.3887



10.8877, 25.0275, 59.2699



19.9584, 25.0275, 117.8545

Sweetspot

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



44.1960, 25.0290, 9.5230



71.6557, 65.1366, 64.3379



54.0931, 28.2008, 97.1994



14.6984, 12.9948, 12.5386



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.



44.1960, 25.0290, 9.5230



41.8947, 21.9335, 4.1084



51.1455, 39.7658, 9.2570



18.0736, 18.0128, 19.0048



21.6473, 11.1482, 1.5274



2.1286, 1.0938, 0.2584

Inverse Universe

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



44.1960, 25.0290, 9.5230



41.8947, 21.9335, 4.1084



35.6375, 39.6276, 100.3777



18.0736, 18.0128, 19.0048



21.6473, 11.1482, 1.5274



2.1286, 1.0938, 0.2584

Previews

White Background



This preview shows how the XYZ color 44.1954, 25.0275, 9.5226 looks on a white background.

Color Contrast Check

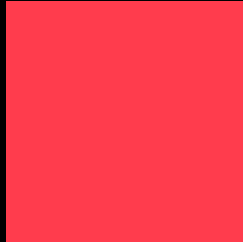
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.1954, 25.0275, 9.5226 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 44.1954, 25.0275, 9.5226

Background



This preview shows how black text looks on a background with the XYZ color 44.1954, 25.0275, 9.5226.



This preview shows how white text looks on a background with the XYZ color 44.1954, 25.0275,

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

44.1954, 25.0275, 9.5226

Protanopia

23.5281, 25.1143, 16.9721

Deuteranopia

25.4619, 25.0610, 8.6495



Tritanopia

43.8880, 25.0754, 7.3774

Trichromacy



Original Color

44.1954, 25.0275, 9.5226

Protanomaly

27.7839, 22.2026, 13.6476

Deuteranomaly

29.9765, 22.8247, 8.6200

Tritanomaly

43.9829, 25.0272, 8.1428

Monochromacy



Original Color

44.1954, 25.0275, 9.5226

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

23.2286, 18.1699, 15.3796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1954, 25.0275, 9.5226 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, 60, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 60, 77)  
}
```

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, 60, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 60, 77) }
```

Border

The CSS property to change the border of an element to XYZ 44.1954, 25.0275, 9.5226 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, 60, 77) }
```


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

```
.border{ border-color:rgb(255, 60, 77) }
```

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

Here you see how a box with a 4 pixel rgb(255, 60, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 60, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 60, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 60,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1954, 25.0275, 9.5226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 60, 77) }
```

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

```
.background{ background-color: rgb(255, 60,  
77) }
```

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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