

Converting Colors

XYZ(43.8536, 24.9227, 10.2545)

Have a look what the booklet for
XYZ(43.8536, 24.9227, 10.2545)
contains.

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Color

**XYZ(44.0270, 25.0024,
10.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	FE3D51
RGB	254, 61, 81
RGB Percent	100%, 24%, 32%
CMY	0.0039, 0.7607, 0.6824
CMYK	0.00, 0.76, 0.68, 0.00
HSL	354°, 99%, 62%
HSV	354°, 76%, 100%
XYZ	44.0270, 25.0024, 10.2900
YIQ	120.9870, 108.6080, 47.1360

Conversions

Conversions Part 2

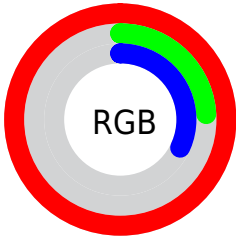
Format	Color
R_{YB}	254, 61, 81
Decimal	16661841
CIE _{Lab}	57.08, 71.88, 34.90
CIE _{LCh}	57, 79.902, 25.897
Yxy	25.0024, 0.5551, 0.3152
Android (android.graphics.Color)	4294851921 (0xFFFE3D51)
YUV	120.9870, -19.7136, 116.6524
Hunter-Lab	50.0024, 69.6646, 22.8004

Details

The XYZ color **44.0270, 25.0024, 10.2900** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **52.2203, 77.8171, 90.1205**, and the grayscale version is **18.2089, 19.1572, 20.8622**.

A 20% lighter version of the original color is **52.4769, 37.2870, 25.5504**, and **21.3202, 10.9524, 2.7406** is the 20% darker color. If you saturate the color by 10%, you get **42.2617, 22.6171, 6.1719**, and if you desaturate by 10%, it is **46.7209, 28.7876, 16.1296**.

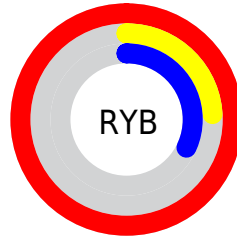
Distribution



Red (100%)

Green (24%)

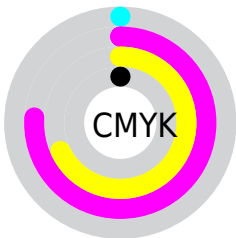
Blue (32%)



Red (100%)

Yellow (24%)

Blue (32%)

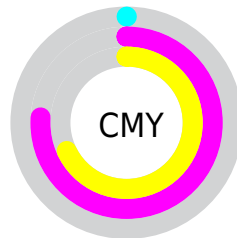


Cyan (0%)

Magenta (76%)

Yellow (68%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0270, 25.0024, 10.2900 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 44.0270, 25.0024, 10.2900 by changing the saturation by 10% instead.

 44.0270, 25.0024,
10.2900

 44.0270, 25.0024,
10.2900

353.6688,
277.8499, 203.2889


 30.8897, 16.0788,
5.4835


 80.5045, 51.6611,
26.9558

 20.6663, 9.5800,
2.4700


 104.5754, 70.1651,
39.6523


 12.9914, 5.1214,
0.8242


 133.0216, 92.6313,
55.8159

 7.4996, 2.3186,
0.0000

 166.2083,
119.4441, 75.8651

 3.8255, 0.7836,
0.0000

 204.5011,
150.9880, 100.2184

 1.6039, 0.0000,
0.0000

248.2652,

 0.3950, 0.0000,

187.6473, 129.2945

0.0000

297.8660,
229.8065, 163.5118

■ 0.0000, 0.0000,
0.0000

■ 44.0270, 25.0024,
10.2900

■ 44.0270, 25.0024,
10.2900

■ 42.2617, 22.6171,
6.1719

■ 46.7209, 28.7876,
16.1296

■ 41.2940, 21.4166,
3.5836


■ 50.4474, 34.1386,
23.8522


■ 41.0627, 21.1467,
2.9126

■ 55.2986, 41.2030,
33.6017

■ 61.3557, 50.1101,
45.5077

■ 68.6924, 60.9768,
59.6890

 77.3764, 73.9101,
76.2555

 87.4709, 89.0096,
95.3103

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.



46.7506, 25.0024, 31.1002



44.0270, 25.0024, 10.2900



35.4142, 25.0024, 2.9157

Triad

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



44.0270, 25.0024, 10.2900



11.7148, 25.0024, 7.2858



22.4933, 25.0024, 118.4483

Complementary

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



44.0270, 25.0024, 10.2900



52.2203, 77.8171, 90.1205

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.



14.9981, 25.0024, 96.5690



44.0270, 25.0024, 10.2900



9.9051, 25.0024, 23.6829

Square

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



44.0270, 25.0024, 10.2900



16.7085, 25.0024, 2.1572



10.9257, 25.0024, 56.6867



32.5696, 25.0024, 105.4482

Rectangle

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



44.0270, 25.0024, 10.2900



28.4487, 25.0024, 1.5530



10.9257, 25.0024, 56.6867



19.6241, 25.0024, 114.6820

Sweetspot

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



44.0276, 25.0039, 10.2904



71.7699, 65.1823, 64.9393



52.6704, 27.5645, 96.3098



14.7251, 13.0055, 12.6795



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.



44.0276, 25.0039, 10.2904



42.0581, 22.0759, 4.7317



50.3784, 38.7336, 9.2381



18.0858, 18.0176, 19.0690



21.6733, 11.1586, 1.6643



2.1343, 1.0961, 0.2887

Inverse Universe

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



44.0276, 25.0039, 10.2904



42.0581, 22.0759, 4.7317



36.1404, 40.7997, 99.7357



18.0858, 18.0176, 19.0690



21.6733, 11.1586, 1.6643



2.1343, 1.0961, 0.2887

Previews

White Background



This preview shows how the XYZ color 44.0270, 25.0024, 10.2900 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 44.0270, 25.0024, 10.2900 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 44.0270, 25.0024, 10.2900

Background



This preview shows how black text looks on a background with the XYZ color 44.0270, 25.0024, 10.2900.



This preview shows how white text looks on a background with the XYZ color 44.0270, 25.0024,

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

44.0270, 25.0024, 10.2900

Protanopia

23.6142, 25.1281, 18.3575

Deuteranopia

25.5840, 25.1098, 9.2926



Tritanopia

43.3248, 24.9428, 7.6852

Trichromacy



Original Color

44.0270, 25.0024, 10.2900

Protanomaly

27.7284, 22.1524, 14.6188

Deuteranomaly

30.2095, 23.0818, 9.3416

Tritanomaly

43.4229, 24.8926, 8.4773

Monochromacy



Original Color

44.0270, 25.0024, 10.2900

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

23.4255, 18.3993, 15.9524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0270, 25.0024, 10.2900 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, 61, 81)` looks like.

```
.text, #text, p{  
    color:rgb(254, 61, 81)  
}
```

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, 61, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 61, 81) }
```

Border

The CSS property to change the border of an element to XYZ 44.0270, 25.0024, 10.2900 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, 61, 81) }
```


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

```
.border{ border-color:rgb(254, 61, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 61, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 61, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 61, 81);  
box-shadow:4px 4px 4px 4px rgb(254, 61,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0270, 25.0024, 10.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 61, 81) }
```

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

```
.background{ background-color: rgb(254, 61,  
81) }
```

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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