

Converting Colors

XYZ(43.0390, 24.0990, 9.4016)

Have a look what the booklet for
XYZ(43.0390, 24.0990, 9.4016)
contains.

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Color

**XYZ(42.8986, 24.0596,
9.4041)**

Conversions

Conversions Part 1

Format	Color
Hex	FC384D
RGB	252, 56, 77
RGB Percent	99%, 22%, 30%
CMY	0.0118, 0.7803, 0.6980
CMYK	0.00, 0.78, 0.69, 0.01
HSL	354°, 97%, 60%
HSV	354°, 78%, 99%
XYZ	42.8986, 24.0596, 9.4041
YIQ	116.9980, 110.0750, 48.0830

Conversions

Conversions Part 2

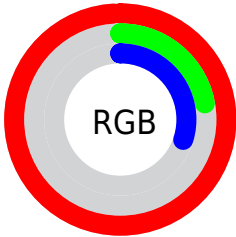
Format	Color
R_{YB}	252, 56, 77
Decimal	16529485
CIE _{Lab}	56.15, 72.55, 35.99
CIE _{LCh}	56, 80.989, 26.381
Yxy	24.0596, 0.5618, 0.3151
Android (android.graphics.Color)	4294719565 (0xFFFC384D)
YUV	116.9980, -19.7190, 118.3968
Hunter-Lab	49.0506, 70.2738, 22.9682

Details

The XYZ color **42.8986, 24.0596, 9.4041** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **50.8679, 76.2320, 87.6457**, and the grayscale version is **16.9453, 17.8278, 19.4144**.

A 20% lighter version of the original color is **51.7224, 36.1993, 23.9998**, and **20.7680, 10.6746, 2.4046** is the 20% darker color. If you saturate the color by 10%, you get **41.3075, 21.9368, 5.6088**, and if you desaturate by 10%, it is **45.3794, 27.5228, 14.8513**.

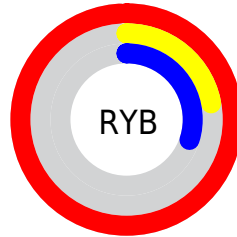
Distribution



Red (99%)

Green (22%)

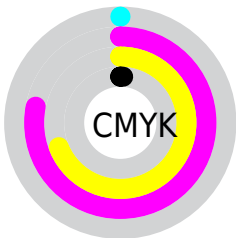
Blue (30%)



Red (99%)

Yellow (22%)

Blue (30%)

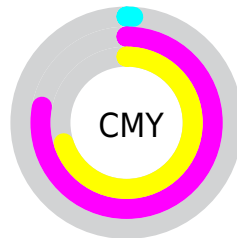


Cyan (0%)

Magenta (78%)

Yellow (69%)

Black (1%)



Cyan (1%)


Magenta (78%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8986, 24.0596, 9.4041 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 42.8986, 24.0596, 9.4041 by changing the saturation by 10% instead.


 42.8986, 24.0596,
9.4041


 42.8986, 24.0596,
9.4041

349.1232,
273.1217, 196.6922


 29.9997, 15.3778,
4.9053


 78.8145, 50.1274,
25.2585

 19.9865, 9.0850,
2.1340


 102.5622, 68.2823,
37.4512


 12.4934, 4.7967,
0.6359


 130.6570, 90.3637,
53.0456

 7.1552, 2.1285,
0.0000

 163.4641,
116.7559, 72.4603

 3.6066, 0.6806,
0.0000

 201.3489,
147.8434, 96.1137

 1.4821, 0.0000,
0.0000

244.6768,

 0.3136, 0.0000,

184.0106, 124.4245

0.0000

293.8131,
225.6419, 157.8112

■ 0.0000, 0.0000,
0.0000

■ 42.8986, 24.0596,
9.4041

■ 42.8986, 24.0596,
9.4041

■ 41.3075, 21.9368,
5.6088

■ 45.3794, 27.5228,
14.8513

■ 40.4663, 20.9215,
3.2717

■ 48.8547, 32.4946,
22.1108

■ 40.3422, 20.7744,
2.9194

■ 53.4167, 39.1230,
31.3247

■ 59.1462, 47.5373,
42.6210

■ 66.1165, 57.8540,
56.1165

■ 74.3948, 70.1796,
71.9195

■ 84.0434, 84.6128,
90.1308

■ 93.9546, 99.4353,
108.8487

Harmonies

Analogous

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



45.7348, 24.0596, 29.5615



42.8986, 24.0596, 9.4041



34.2551, 24.0596, 2.5139

Triad

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



42.8986, 24.0596, 9.4041



10.9832, 24.0596, 6.8518



21.7585, 24.0596, 117.6317

Complementary

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



42.8986, 24.0596, 9.4041



50.8679, 76.2320, 87.6457

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.



14.3336, 24.0596, 96.0834



42.8986, 24.0596, 9.4041



9.2700, 24.0596, 23.0977

Square

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



42.8986, 24.0596, 9.4041



15.8125, 24.0596, 1.8958



10.3059, 24.0596, 56.1442



31.7607, 24.0596, 103.9721

Rectangle

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



42.8986, 24.0596, 9.4041



27.3382, 24.0596, 1.2974



10.3059, 24.0596, 56.1442



18.9136, 24.0596, 114.0309

Sweetspot

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



42.8991, 24.0611, 9.4045



71.7944, 65.1921, 65.0682



51.3416, 26.5383, 94.5113



14.7309, 13.0078, 12.7098



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.



42.8991, 24.0611, 9.4045



41.8944, 21.8640, 4.3209



48.9944, 37.2520, 8.3515



17.3201, 17.2554, 18.2756



21.0400, 10.8317, 1.6532



1.9727, 1.0128, 0.2797

Inverse Universe

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



42.8991, 24.0611, 9.4045



41.8944, 21.8640, 4.3209



34.8993, 39.2634, 97.8341



17.3201, 17.2554, 18.2756



21.0400, 10.8317, 1.6532



1.9727, 1.0128, 0.2797

Previews

White Background



This preview shows how the XYZ color 42.8986, 24.0596, 9.4041 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 42.8986, 24.0596, 9.4041

Background



This preview shows how black text looks on a background with the XYZ color 42.8986, 24.0596, 9.4041.



This preview shows how white text looks on a background with the XYZ color 42.8986, 24.0596,

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

42.8986, 24.0596, 9.4041

Protanopia

22.7671, 24.2978, 17.1257

Deuteranopia

24.4284, 23.9387, 8.4874



Tritanopia

42.1632, 23.9634, 6.6781

Trichromacy



Original Color

42.8986, 24.0596, 9.4041

Protanomaly

26.7480, 21.2016, 13.5090

Deuteranomaly

28.8828, 21.8153, 8.4828

Tritanomaly

42.2801, 23.9287, 7.5445

Monochromacy



Original Color

42.8986, 24.0596, 9.4041

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

22.2164, 17.2507, 14.7292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8986, 24.0596, 9.4041 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(252, 56, 77)` looks like.

```
.text, #text, p{  
    color:rgb(252, 56, 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(252, 56, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 56, 77) }
```

Border

The CSS property to change the border of an element to XYZ 42.8986, 24.0596, 9.4041 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(252, 56, 77) }
```


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

```
.border{ border-color:rgb(252, 56, 77) }
```

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

Here you see how a box with a 4 pixel rgb(252, 56, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 56, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 56, 77);  
box-shadow:4px 4px 4px 4px rgb(252, 56,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8986, 24.0596, 9.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 56, 77) }
```

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

```
.background{ background-color: rgb(252, 56,  
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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