

Converting Colors

XYZ(43.7382, 24.1582, 9.2327)

Have a look what the booklet for
XYZ(43.7382, 24.1582, 9.2327)
contains.

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Color

**XYZ(43.7283, 24.1495,
9.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	FF334C
RGB	255, 51, 76
RGB Percent	100%, 20%, 30%
CMY	0.0000, 0.7999, 0.7020
CMYK	0.00, 0.80, 0.70, 0.00
HSL	353°, 100%, 60%
HSV	353°, 80%, 100%
XYZ	43.7283, 24.1495, 9.1940
YIQ	114.8460, 113.5590, 51.0230

Conversions

Conversions Part 2

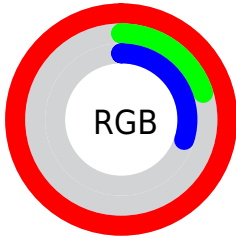
Format	Color
R_{YB}	255, 51, 76
Decimal	16724812
CIE Lab	56.24, 74.62, 36.80
CIE LCh	56, 83.207, 26.252
Yxy	24.1495, 0.5674, 0.3133
Android (android.graphics.Color)	4294914892 (0xFFFF334C)
YUV	114.8460, -19.1511, 122.9151
Hunter-Lab	49.1421, 72.8364, 23.3069

Details

The XYZ color **43.7283, 24.1495, 9.1940** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **51.4114, 77.9379, 87.2101**, and the grayscale version is **16.2837, 17.1317, 18.6564**.

A 20% lighter version of the original color is **51.3030, 35.4632, 23.5432**, and **21.4959, 11.0514, 2.3667** is the 20% darker color. If you saturate the color by 10%, you get **42.2555, 22.2403, 5.5095**, and if you desaturate by 10%, it is **46.0825, 27.3895, 14.5068**.

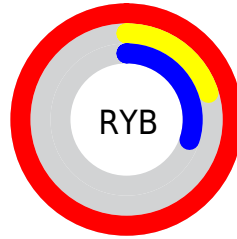
Distribution



Red (100%)

Green (20%)

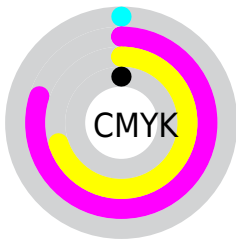
Blue (30%)



Red (100%)

Yellow (20%)

Blue (30%)

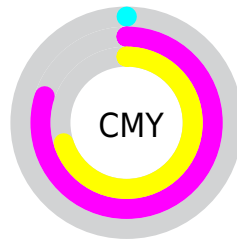


Cyan (0%)

Magenta (80%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7283, 24.1495, 9.1940 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 43.7283, 24.1495, 9.1940 by changing the saturation by 10% instead.


 43.7283, 24.1495,
9.1940


 43.7283, 24.1495,
9.1940


352.4694,
273.5754, 195.0896


 30.6540, 15.4446,
4.7694


 80.0576, 50.2741,
24.8517

 20.4860, 9.1320,
2.0562


 104.0433, 68.4625,
36.9219

 12.8591, 4.8274,
0.5895


 132.3968, 90.5808,
52.3777

 7.4079, 2.1463,
0.0000

 165.4836,
117.0135, 71.6376

 3.7671, 0.6905,
0.0000

 203.6688,
148.1449, 95.1202

 1.5712, 0.0000,
0.0000

247.3180,

 0.3736, 0.0000,

184.3594, 123.2441

0.0000

296.7964,
226.0415, 156.4277

■ 0.0000, 0.0000,
0.0000

■ 43.7283, 24.1495,
9.1940

■ 43.7283, 24.1495,
9.1940

■ 42.2555, 22.2403,
5.5095

■ 46.0825, 27.3895,
14.5068

■ 41.4905, 21.3605,
3.2496

■ 49.4290, 32.1408,
21.6088

■ 41.4900, 21.3600,
3.2483

■ 53.8641, 38.5601,
30.6426

■ 59.4719, 46.7836,
41.7359

■ 66.3282, 56.9334,
55.0054

■ 74.5025, 69.1207,
70.5591

■ 84.0592, 83.4485,
88.4976

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



46.6472, 24.1495, 29.8923



43.7283, 24.1495, 9.1940



34.7690, 24.1495, 2.3093

Triad

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



43.7283, 24.1495, 9.1940



10.8007, 24.1495, 6.5391



21.7714, 24.1495, 121.7306

Complementary

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



43.7283, 24.1495, 9.1940



51.4114, 77.9379, 87.2101

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.



14.1731, 24.1495, 98.9639



43.7283, 24.1495, 9.1940



9.0524, 24.1495, 22.9980

Square

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



43.7283, 24.1495, 9.1940



15.7382, 24.1495, 1.6934



10.0892, 24.1495, 57.1721



32.0927, 24.1495, 107.5355

Rectangle

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



43.7283, 24.1495, 9.1940



27.6102, 24.1495, 1.1377



10.0892, 24.1495, 57.1721



18.8521, 24.1495, 117.8909

Sweetspot

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



43.7288, 24.1510, 9.1944



71.0647, 63.9856, 64.0454



51.1666, 26.0509, 96.9385



14.5956, 12.7789, 12.5365



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.



43.7288, 24.1510, 9.1944



41.7368, 21.6359, 3.9999



49.2745, 36.3727, 7.5578



18.0999, 18.0233, 19.1430



21.7077, 11.1724, 1.8453



2.1409, 1.0987, 0.3234

Inverse Universe

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



43.7288, 24.1510, 9.1944



41.7368, 21.6359, 3.9999



35.7790, 40.6502, 100.5675



18.0999, 18.0233, 19.1430



21.7077, 11.1724, 1.8453



2.1409, 1.0987, 0.3234

Previews

White Background



This preview shows how the XYZ color 43.7283, 24.1495, 9.1940 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 43.7283, 24.1495, 9.1940

Background



This preview shows how black text looks on a background with the XYZ color 43.7283, 24.1495, 9.1940.



This preview shows how white text looks on a background with the XYZ color 43.7283, 24.1495,

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

43.7283, 24.1495, 9.1940

Protanopia

22.7671, 24.2978, 17.1257

Deuteranopia

24.7120, 24.2862, 8.2357



Tritanopia

42.9530, 24.0887, 6.1271

Trichromacy



Original Color

43.7283, 24.1495, 9.1940

Protanomaly

26.7830, 20.9172, 13.4523

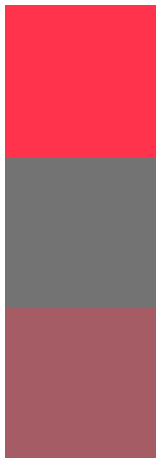
Deuteranomaly

29.2503, 21.8668, 8.1479

Tritanomaly

43.0894, 24.0680, 7.0772

Monochromacy



Original Color

43.7283, 24.1495, 9.1940

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

21.9020, 16.7009, 14.3811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7283, 24.1495, 9.1940 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, 51, 76)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 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(255, 51, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 76) }
```

Border

The CSS property to change the border of an element to XYZ 43.7283, 24.1495, 9.1940 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, 51, 76) }
```


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

```
.border{ border-color:rgb(255, 51, 76) }
```

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

Here you see how a box with a 4 pixel rgb(255, 51, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 76);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7283, 24.1495, 9.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 76) }
```

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

```
.background{ background-color: rgb(255, 51,  
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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