

Converting Colors

XYZ(43.9399, 24.7614, 8.6823)

Have a look what the booklet for
XYZ(43.9399, 24.7614, 8.6823)
contains.

XYZ(43.9557, 24.7672, 8.7671)	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(43.9557, 24.7672,
8.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3A49
RGB	255, 58, 73
RGB Percent	100%, 23%, 29%
CMY	0.0000, 0.7725, 0.7137
CMYK	0.00, 0.77, 0.71, 0.00
HSL	355°, 100%, 61%
HSV	355°, 77%, 100%
XYZ	43.9557, 24.7672, 8.7671
YIQ	118.6130, 112.5970, 46.4290

Conversions

Conversions Part 2

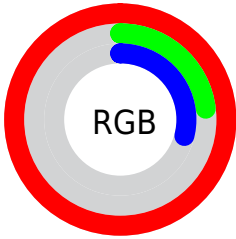
Format	Color
R_{YB}	255, 58, 73
Decimal	16726601
CIE _{Lab}	56.85, 72.66, 39.24
CIE _{LCh}	57, 82.577, 28.369
Yxy	24.7672, 0.5672, 0.3196
Android (android.graphics.Color)	4294916681 (0xFFFF3A49)
YUV	118.6130, -22.4872, 119.6114
Hunter-Lab	49.7667, 70.5660, 24.3919

Details

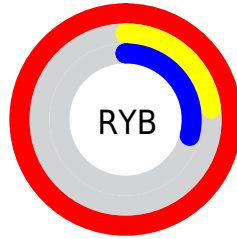
The XYZ color **43.9557, 24.7672, 8.7671** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **53.2362, 78.7118, 94.8373**, and the grayscale version is **17.4584, 18.3676, 20.0023**.

A 20% lighter version of the original color is **51.5902, 36.3399, 22.7075**, and **21.4570, 11.0359, 2.1616** is the 20% darker color. If you saturate the color by 10%, you get **42.3340, 22.5464, 5.0753**, and if you desaturate by 10%, it is **46.5099, 28.3806, 14.2288**.

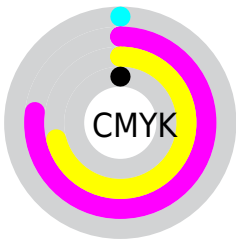
Distribution



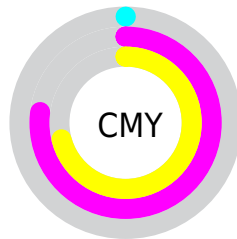
- Red (100%)
- Green (23%)
- Blue (29%)



- Red (100%)
- Yellow (23%)
- Blue (29%)



- Cyan (0%)
- Magenta (77%)
- Yellow (71%)
- Black (0%)





- Cyan (0%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9557, 24.7672, 8.7671 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 43.9557, 24.7672, 8.7671 by changing the saturation by 10% instead.


 43.9557, 24.7672,
8.7671


 43.9557, 24.7672,
8.7671


353.3827,
276.6766, 191.7845

 30.8334, 15.9037,
4.4949

 80.3978, 51.2793,
24.0196


 20.6233, 9.4560,
1.9006


 104.4484, 69.6967,
35.8370


 12.9598, 5.0398,
0.4931


 132.8725, 92.0675,
51.0065

 7.4777, 2.2706,
0.0000

 166.0354,
118.7761, 69.9466

 3.8116, 0.7581,
0.0000

 204.3026,
150.2069, 93.0759

 1.5961, 0.0000,
0.0000

248.0393,

 0.3899, 0.0000,

186.7444, 120.8130

0.0000

297.6109,
228.7728, 153.5763

■ 0.0000, 0.0000,
0.0000

■ 43.9557, 24.7672,
8.7671

■ 43.9557, 24.7672,
8.7671

■ 42.3340, 22.5464,
5.0753

■ 46.5099, 28.3806,
14.2288

■ 41.5010, 21.4862,
2.9302


■ 50.1077, 33.5597,
21.6445


■ 41.3607, 21.3083,
2.5670

■ 54.8461, 40.4570,
31.1762

■ 60.8108, 49.2061,
42.9689

■ 68.0791, 59.9270,
57.1547

 76.7219, 72.7300,
73.8555

 86.8052, 87.7169,
93.1848

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



47.4133, 24.7672, 28.5096



43.9557, 24.7672, 8.7671



34.6858, 24.7672, 2.3004

Triad

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



43.9557, 24.7672, 8.7671



11.0037, 24.7672, 7.5849



23.0158, 24.7672, 122.7326

Complementary

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



43.9557, 24.7672, 8.7671



53.2362, 78.7118, 94.8373

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.



15.0819, 24.7672, 102.3384



43.9557, 24.7672, 8.7671



9.4283, 24.7672, 25.4816

Square

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



43.9557, 24.7672, 8.7671



15.7726, 24.7672, 2.0194



10.6884, 24.7672, 60.9579



33.5138, 24.7672, 106.0658

Rectangle

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



43.9557, 24.7672, 8.7671



27.4868, 24.7672, 1.2171



10.6884, 24.7672, 60.9579



19.9912, 24.7672, 119.8158

Sweetspot

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



43.9563, 24.7687, 8.7675



71.5794, 65.1061, 63.9361



55.0201, 28.5262, 97.2134



14.6805, 12.9876, 12.4445



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.



43.9563, 24.7687, 8.7675



41.7706, 21.8145, 3.6693



51.3955, 40.3488, 9.0844



18.0654, 18.0095, 18.9617



21.6318, 11.1420, 1.4457



2.1247, 1.0923, 0.2381

Inverse Universe

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



43.9563, 24.7687, 8.7675



41.7706, 21.8145, 3.6693



34.7246, 37.9777, 100.1074



18.0654, 18.0095, 18.9617



21.6318, 11.1420, 1.4457



2.1247, 1.0923, 0.2381

Previews

White Background



This preview shows how the XYZ color 43.9557, 24.7672, 8.7671 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 43.9557, 24.7672, 8.7671 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 43.9557, 24.7672, 8.7671

Background



This preview shows how black text looks on a background with the XYZ color 43.9557, 24.7672, 8.7671.



This preview shows how white text looks on a background with the XYZ color 43.9557, 24.7672,

8.7671.

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

43.9557, 24.7672, 8.7671

Protanopia

23.2785, 25.0145, 15.6580

Deuteranopia

25.1871, 24.7372, 7.8621



Tritanopia

43.6982, 24.8286, 6.9041

Trichromacy



Original Color

43.9557, 24.7672, 8.7671

Protanomaly

27.4577, 21.9024, 12.4533

Deuteranomaly

29.7239, 22.5616, 7.7892

Tritanomaly

43.7581, 24.7696, 7.4757

Monochromacy



Original Color

43.9557, 24.7672, 8.7671

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.8214, 17.8335, 14.8098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9557, 24.7672, 8.7671 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, 58, 73)` looks like.

```
.text, #text, p{  
    color:rgb(255, 58, 73)  
}
```

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, 58, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 58, 73) }
```

Border

The CSS property to change the border of an element to XYZ 43.9557, 24.7672, 8.7671 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, 58, 73) }
```


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

```
.border{ border-color:rgb(255, 58, 73) }
```

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

Here you see how a box with a 4 pixel rgb(255, 58, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 58, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 58, 73);  
box-shadow:4px 4px 4px 4px rgb(255, 58,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9557, 24.7672, 8.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 58, 73) }
```

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

```
.background{ background-color: rgb(255, 58,  
73) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor