

Converting Colors

XYZ(44.4159, 25.6756, 8.9578)

Have a look what the booklet for
XYZ(44.4159, 25.6756, 8.9578)
contains.

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Color

**XYZ(44.3908, 25.6375,
8.9122)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4249
RGB	255, 66, 73
RGB Percent	100%, 26%, 29%
CMY	0.0000, 0.7411, 0.7137
CMYK	0.00, 0.74, 0.71, 0.00
HSL	358°, 100%, 63%
HSV	358°, 74%, 100%
XYZ	44.3908, 25.6375, 8.9122
YIQ	123.3090, 110.3970, 42.2450

Conversions

Conversions Part 2

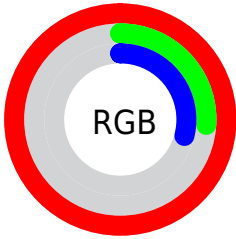
Format	Color
R_{YB}	255, 66, 73
Decimal	16728649
CIE Lab	57.69, 70.30, 40.22
CIE LCh	58, 80.987, 29.774
Yxy	25.6375, 0.5623, 0.3248
Android (android.graphics.Color)	4294918729 (0xFFFF4249)
YUV	123.3090, -24.8023, 115.4930
Hunter-Lab	50.6335, 67.8838, 25.0076

Details

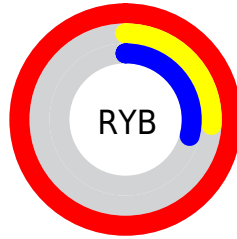
The XYZ color **44.3908, 25.6375, 8.9122** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **54.9528, 79.4563, 101.2580**, and the grayscale version is **18.9847, 19.9733, 21.7510**.

A 20% lighter version of the original color is **52.3422, 37.8439, 22.9582**, and **21.4570, 11.0359, 2.1616** is the 20% darker color. If you saturate the color by 10%, you get **42.5586, 23.0294, 5.0466**, and if you desaturate by 10%, it is **47.2087, 29.7038, 14.6914**.

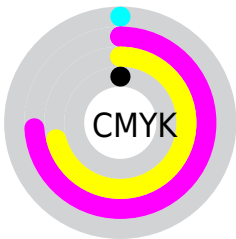
Distribution



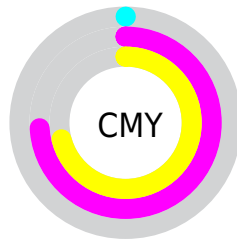
- Red (100%)
- Green (26%)
- Blue (29%)



- Red (100%)
- Yellow (26%)
- Blue (29%)



- Cyan (0%)
- Magenta (74%)
- Yellow (71%)
- Black (0%)





- Cyan (0%)
- Magenta (74%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3908, 25.6375, 8.9122 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 44.3908, 25.6375, 8.9122 by changing the saturation by 10% instead.

 44.3908, 25.6375,
8.9122


 44.3908, 25.6375,
8.9122


355.1260,
280.9980, 192.9155


 31.1771, 16.5526,
4.5879


 81.0482, 52.6896,
24.3033

 20.8862, 9.9161,
1.9531


 105.2226, 71.4256,
36.2072


 13.1528, 5.3433,
0.5262

 133.7812, 94.1474,
51.4747

 7.6116, 2.4501,
0.0000

 167.0895,
121.2395, 70.5244

 3.8971, 0.8515,
0.0000

 205.5128,
153.0862, 93.7747

 1.6441, 0.0000,
0.0000

249.4164,

 0.4209, 0.0000,

190.0719, 121.6443

0.0000

299.1657,
232.5811, 154.5517

■ 0.0000, 0.0000,
0.0000

■ 44.3908, 25.6375,
8.9122

■ 44.3908, 25.6375,
8.9122

■ 42.5586, 23.0294,
5.0466

■ 47.2087, 29.7038,
14.6914

■ 41.5744, 21.6674,
2.8490


■ 51.1227, 35.3938,
22.5870

■ 41.2913, 21.2805,
2.2019

■ 56.2302, 42.8556,
32.7775

■ 62.6176, 52.2195,
45.4221

■ 70.3631, 63.6034,
60.6657

 79.5389, 77.1159,
78.6422

 90.2117, 92.8576,
99.4762

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.



48.1628, 25.6375, 28.1257



44.3908, 25.6375, 8.9122



35.0066, 25.6375, 2.5308

Triad

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



44.3908, 25.6375, 8.9122



11.5501, 25.6375, 8.7431



24.2943, 25.6375, 122.5508

Complementary

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



44.3908, 25.6375, 8.9122



54.9528, 79.4563, 101.2580

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.



16.1374, 25.6375, 104.1057



44.3908, 25.6375, 8.9122



10.0772, 25.6375, 27.7051

Square

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



44.3908, 25.6375, 8.9122



16.2343, 25.6375, 2.4886



11.5055, 25.6375, 63.6990



34.8449, 25.6375, 104.6124

Rectangle

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



44.3908, 25.6375, 8.9122



27.8287, 25.6375, 1.4452



11.5055, 25.6375, 63.6990



21.2062, 25.6375, 120.2925

Sweetspot

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



44.3914, 25.6390, 8.9126



72.1800, 66.2767, 64.2305



57.8473, 30.6296, 97.4702



14.9528, 13.4550, 12.7731



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.



44.3914, 25.6390, 8.9126



41.9816, 22.2230, 3.7812



53.2994, 43.8052, 10.8026



18.0366, 17.9979, 18.8098



21.5875, 11.1243, 1.2124



2.1110, 1.0868, 0.1662

Inverse Universe

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



44.3914, 25.6390, 8.9126



41.9816, 22.2230, 3.7812



34.6641, 37.1117, 99.9433



18.0366, 17.9979, 18.8098



21.5875, 11.1243, 1.2124



2.1110, 1.0868, 0.1662

Previews

White Background



This preview shows how the XYZ color 44.3908, 25.6375, 8.9122 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 44.3908, 25.6375, 8.9122 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 44.3908, 25.6375, 8.9122

Background



This preview shows how black text looks on a background with the XYZ color 44.3908, 25.6375, 8.9122.



This preview shows how white text looks on a background with the XYZ color 44.3908, 25.6375,

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

44.3908, 25.6375, 8.9122

Protanopia

24.0149, 25.8311, 15.2755

Deuteranopia

26.1340, 25.6210, 8.1254



Tritanopia

44.3213, 25.7040, 8.2556

Trichromacy



Original Color

44.3908, 25.6375, 8.9122

Protanomaly

28.3364, 23.0010, 12.3973

Deuteranomaly

30.7031, 23.6750, 8.1058

Tritanomaly

44.3526, 25.7165, 8.4205

Monochromacy



Original Color

44.3908, 25.6375, 8.9122

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

24.0958, 19.1806, 15.7968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3908, 25.6375, 8.9122 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, 66, 73)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 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, 66, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 73) }
```

Border

The CSS property to change the border of an element to XYZ 44.3908, 25.6375, 8.9122 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, 66, 73) }
```


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

```
.border{ border-color:rgb(255, 66, 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, 66, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 73);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3908, 25.6375, 8.9122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 73) }
```

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

```
.background{ background-color: rgb(255, 66,  
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](#).

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