

Converting Colors

XYZ(44.2073, 25.3578, 8.5813)

Have a look what the booklet for
XYZ(44.2073, 25.3578, 8.5813)
contains.

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Color

**XYZ(44.2107, 25.3817,
8.5302)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4047
RGB	255, 64, 71
RGB Percent	100%, 25%, 28%
CMY	0.0000, 0.7490, 0.7216
CMYK	0.00, 0.75, 0.72, 0.00
HSL	358°, 100%, 63%
HSV	358°, 75%, 100%
XYZ	44.2107, 25.3817, 8.5302
YIQ	121.9070, 111.5890, 42.6690

Conversions

Conversions Part 2

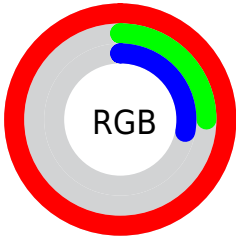
Format	Color
R_{YB}	255, 64, 71
Decimal	16728135
CIE Lab	57.45, 70.83, 41.05
CIE LCh	57, 81.867, 30.096
Yxy	25.3817, 0.5659, 0.3249
Android (android.graphics.Color)	4294918215 (0xFFFF4047)
YUV	121.9070, -25.0972, 116.7226
Hunter-Lab	50.3803, 68.4755, 25.2274

Details

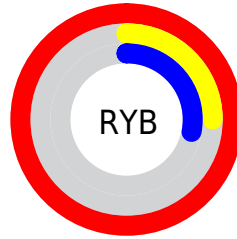
The XYZ color **44.2107, 25.3817, 8.5302** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **54.8204, 79.3881, 101.2519**, and the grayscale version is **18.5240, 19.4887, 21.2232**.

A 20% lighter version of the original color is **52.0910, 37.5378, 22.2693**, and **21.4330, 11.0263, 2.0355** is the 20% darker color. If you saturate the color by 10%, you get **42.4511, 22.8799, 4.8086**, and if you desaturate by 10%, it is **46.9465, 29.3271, 14.1486**.

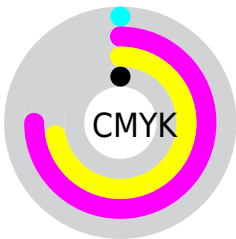
Distribution



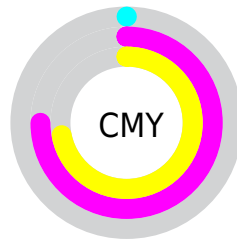
- Red (100%)
- Green (25%)
- Blue (28%)



- Red (100%)
- Yellow (25%)
- Blue (28%)



- Cyan (0%)
- Magenta (75%)
- Yellow (72%)
- Black (0%)





- Cyan (0%)
- Magenta (75%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2107, 25.3817, 8.5302 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 44.2107, 25.3817, 8.5302 by changing the saturation by 10% instead.

 44.2107, 25.3817,
8.5302


 44.2107, 25.3817,
8.5302


354.4051,
279.7335, 189.9206


 31.0348, 16.3617,
4.3434


 80.7791, 52.2758,
23.5546

 20.7773, 9.7804,
1.8156


 104.9023, 70.9186,
35.2293

 13.0729, 5.2536,
0.4382


 133.4053, 93.5378,
50.2370

 7.5561, 2.3968,
0.0000

 166.6535,
120.5178, 68.9964

 3.8616, 0.8243,
0.0000

 205.0122,
152.2430, 91.9259

 1.6242, 0.0000,
0.0000

248.8468,

 0.4081, 0.0000,

189.0977, 119.4441

0.0000

298.5227,
231.4665, 151.9695

■ 0.0000, 0.0000,
0.0000

■ 44.2107, 25.3817,
8.5302

■ 44.2107, 25.3817,
8.5302

■ 42.4511, 22.8799,
4.8086

■ 46.9465, 29.3271,
14.1486

■ 41.5273, 21.6055,
2.7338


■ 50.7704, 34.8840,
21.8696


■ 41.2908, 21.2803,
2.1991

■ 55.7810, 42.2018,
31.8735

■ 62.0653, 51.4122,
44.3211

■ 69.7021, 62.6338,
59.3585

 78.7640, 75.9759,
77.1204

 89.3183, 91.5398,
97.7322

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.



48.0978, 25.3817, 27.5470



44.2107, 25.3817, 8.5302



34.7102, 25.3817, 2.3473

Triad

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



44.2107, 25.3817, 8.5302



11.2656, 25.3817, 8.6011



24.1558, 25.3817, 123.3591

Complementary

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



44.2107, 25.3817, 8.5302



54.8204, 79.3881, 101.2519

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.



15.9449, 25.3817, 105.0060



44.2107, 25.3817, 8.5302



9.8313, 25.3817, 27.7259

Square

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



44.2107, 25.3817, 8.5302



15.9039, 25.3817, 2.3646



11.2844, 25.3817, 64.1696



34.7792, 25.3817, 104.7884

Rectangle

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



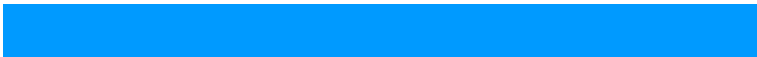
44.2107, 25.3817, 8.5302



27.4891, 25.3817, 1.3233



11.2844, 25.3817, 64.1696



21.0464, 25.3817, 121.2063

Sweetspot

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



44.2113, 25.3832, 8.5306



72.1774, 66.2756, 64.2171



57.6975, 30.3819, 97.4304



14.9522, 13.4548, 12.7700



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.



44.2113, 25.3832, 8.5306



41.8856, 22.0917, 3.5619



53.0651, 43.4294, 10.4385



18.0363, 17.9978, 18.8083



21.5871, 11.1241, 1.2103



2.1109, 1.0867, 0.1655

Inverse Universe

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



44.2113, 25.3832, 8.5306



41.8856, 22.0917, 3.5619



34.3636, 36.7073, 99.8811



18.0363, 17.9978, 18.8083



21.5871, 11.1241, 1.2103



2.1109, 1.0867, 0.1655

Previews

White Background



This preview shows how the XYZ color 44.2107, 25.3817, 8.5302 looks on a white background.

Color Contrast Check

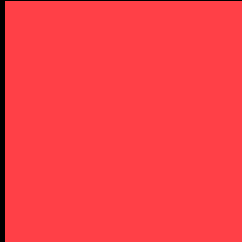
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.2107, 25.3817, 8.5302 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 44.2107, 25.3817, 8.5302

Background



This preview shows how black text looks on a background with the XYZ color 44.2107, 25.3817, 8.5302.



This preview shows how white text looks on a background with the XYZ color 44.2107, 25.3817,

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

44.2107, 25.3817, 8.5302

Protanopia

23.5942, 25.4110, 14.7276

Deuteranopia

25.7003, 25.2063, 7.6484



Tritanopia

44.1434, 25.4458, 7.8951

Trichromacy



Original Color

44.2107, 25.3817, 8.5302

Protanomaly

28.1438, 22.7484, 11.9244

Deuteranomaly

30.5120, 23.4308, 7.6171

Tritanomaly

44.1737, 25.4579, 8.0545

Monochromacy



Original Color

44.2107, 25.3817, 8.5302

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

23.6794, 18.8327, 15.2190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2107, 25.3817, 8.5302 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, 64, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 71)  
}
```

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, 64, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 71) }
```

Border

The CSS property to change the border of an element to XYZ 44.2107, 25.3817, 8.5302 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, 64, 71) }
```


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

```
.border{ border-color:rgb(255, 64, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 64, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2107, 25.3817, 8.5302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 71) }
```

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

```
.background{ background-color: rgb(255, 64,  
71) }
```

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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