

Converting Colors

XYZ(43.5696, 25.3395, 4.4939)

Have a look what the booklet for
XYZ(43.5696, 25.3395, 4.4939)
contains.

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Color

**XYZ(43.5544, 25.3029,
4.5078)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4227
RGB	255, 66, 39
RGB Percent	100%, 26%, 15%
CMY	0.0000, 0.7411, 0.8471
CMYK	0.00, 0.74, 0.85, 0.00
HSL	8°, 100%, 58%
HSV	8°, 85%, 100%
XYZ	43.5544, 25.3029, 4.5078
YIQ	119.4330, 121.3110, 31.6710

Conversions

Conversions Part 2

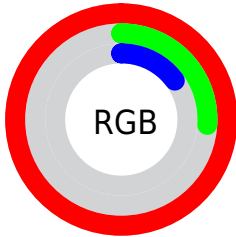
Format	Color
R_{YB}	255, 70, 39
Decimal	16728615
CIE _{Lab}	57.37, 69.23, 57.31
CIE _{LCh}	57, 89.876, 39.618
Yxy	25.3029, 0.5937, 0.3449
Android (android.graphics.Color)	4294918695 (0xFFFF4227)
YUV	119.4330, -39.6535, 118.8923
Hunter-Lab	50.3020, 66.5272, 29.8981

Details

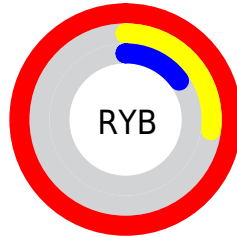
The XYZ color **43.5544, 25.3029, 4.5078** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **46.6260, 63.1301, 104.3348**, and the grayscale version is **17.7688, 18.6942, 20.3580**.

A 20% lighter version of the original color is **50.5908, 37.1433, 13.7355**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.2053, 23.0696, 2.6263**, and if you desaturate by 10%, it is **45.6959, 28.6687, 8.0507**.

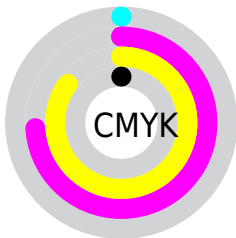
Distribution



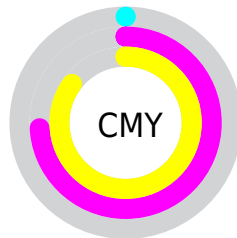
- Red (100%)
- Green (26%)
- Blue (15%)



- Red (100%)
- Yellow (27%)
- Blue (15%)



- Cyan (0%)
- Magenta (74%)
- Yellow (85%)
- Black (0%)





- Cyan (0%)
- Magenta (74%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5544, 25.3029, 4.5078 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 43.5544, 25.3029, 4.5078 by changing the saturation by 10% instead.


 43.5544, 25.3029,
4.5078


 43.5544, 25.3029,
4.5078

351.7698,
279.3431, 153.7126


 30.5168, 16.3029,
1.9079


 79.7973, 52.1482,
15.1649


 20.3812, 9.7387,
0.4977


 103.7333, 70.7622,
24.0592


 12.7823, 5.2261,
0.0000


 132.0327, 93.3498,
35.8886

 7.3548, 2.3805,
0.0000

 165.0611,
120.2951, 51.0718

 3.7332, 0.8158,
0.0000

 203.1836,
151.9827, 70.0273

 1.5523, 0.0000,
0.0000

 246.7656,

 0.3610, 0.0000,

188.7970, 93.1735

0.0000

296.1726,
231.1223, 120.9291

■ 0.0000, 0.0000,
0.0000

■ 43.5544, 25.3029,
4.5078

■ 43.5544, 25.3029,
4.5078

■ 42.2053, 23.0696,
2.6263

■ 45.6959, 28.6687,
8.0507

■ 41.7533, 22.2870,
2.1012

■ 48.7300, 33.2876,
13.5298

■ 52.7433, 39.2697,
21.1710

■ 57.8117, 46.7115,
31.1687

■ 64.0033, 55.7007,
43.6955

71.3804, 66.3182,
58.9079

80.0010, 78.6392,
76.9496

89.9189, 92.7340,
97.9543

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.



50.4593, 25.3029, 18.8577



43.5544, 25.3029, 4.5078



31.9209, 25.3029, 1.0265

Triad

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



43.5544, 25.3029, 4.5078



9.4948, 25.3029, 11.7421



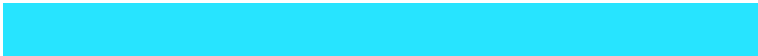
27.6408, 25.3029, 135.4748

Complementary

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



43.5544, 25.3029, 4.5078



46.6260, 63.1301, 104.3348

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.



17.5920, 25.3029, 127.3966



43.5544, 25.3029, 4.5078



8.9690, 25.3029, 38.5728

Square

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



43.5544, 25.3029, 4.5078



13.2010, 25.3029, 2.5561



11.4604, 25.3029, 84.5231



39.6372, 25.3029, 102.0586

Rectangle

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



43.5544, 25.3029, 4.5078



24.1866, 25.3029, 0.6320



11.4604, 25.3029, 84.5231



23.9133, 25.3029, 137.8720

Sweetspot

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



43.5549, 25.3044, 4.5082



71.1463, 65.9821, 58.4206



56.2200, 28.4128, 77.2363



14.6464, 13.2874, 11.2991



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.



43.5549, 25.3044, 4.5082



41.7536, 22.2872, 2.1012



56.3965, 50.9875, 8.7887



18.1924, 18.3529, 18.7280



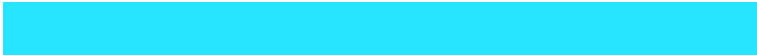
21.8737, 11.7587, 1.1168



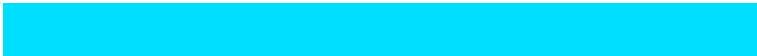
2.1847, 1.2547, 0.1270

Inverse Universe

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



46.6260, 63.1301, 104.3348



44.4667, 60.0534, 103.8556



25.8216, 21.5213, 97.4001



18.3496, 20.0708, 23.1569



23.3110, 31.5316, 54.2922



2.3217, 3.1741, 5.3036

Previews

White Background



This preview shows how the XYZ color 43.5544, 25.3029, 4.5078 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 43.5544, 25.3029, 4.5078 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 43.5544, 25.3029, 4.5078

Background



This preview shows how black text looks on a background with the XYZ color 43.5544, 25.3029, 4.5078.



This preview shows how white text looks on a background with the XYZ color 43.5544, 25.3029,

4.5078.

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

43.5544, 25.3029, 4.5078

Protanopia

23.1534, 25.3424, 7.5421

Deuteranopia

25.8284, 25.3597, 3.7059



Tritanopia

44.0568, 25.3201, 7.7195

Trichromacy



Original Color

43.5544, 25.3029, 4.5078

Protanomaly

27.8558, 22.8950, 5.9686

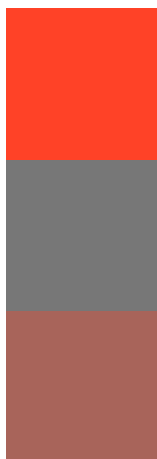
Deuteranomaly

30.2687, 23.3964, 3.4929

Tritanomaly

43.8441, 25.3261, 6.3190

Monochromacy



Original Color

43.5544, 25.3029, 4.5078

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.5511, 18.1774, 11.9929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5544, 25.3029, 4.5078 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, 39)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 39)  
}
```

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, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 39) }
```

Border

The CSS property to change the border of an element to XYZ 43.5544, 25.3029, 4.5078 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, 39) }
```


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

```
.border{ border-color:rgb(255, 66, 39) }
```

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, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 39);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5544, 25.3029, 4.5078 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, 39) }
```

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

```
.background{ background-color: rgb(255, 66,  
39) }
```

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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