

Converting Colors

XYZ(43.4411, 25.2152, 5.8262)

Have a look what the booklet for
XYZ(43.4411, 25.2152, 5.8262)
contains.

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Color

**XYZ(43.4411, 25.2152,
5.8262)**

Conversions

Conversions Part 1

Format	Color
Hex	FE4234
RGB	254, 66, 52
RGB Percent	100%, 26%, 20%
CMY	0.0039, 0.7411, 0.7961
CMYK	0.00, 0.74, 0.80, 0.00
HSL	4°, 99%, 60%
HSV	4°, 80%, 100%
XYZ	43.4411, 25.2152, 5.8262
YIQ	120.6160, 116.5420, 35.5020

Conversions

Conversions Part 2

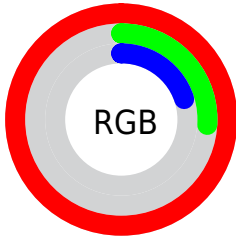
Format	Color
RYB	254, 67, 52
Decimal	16663092
CIELab	57.28, 69.26, 50.99
CIELCh	57, 86.007, 36.358
Yxy	25.2152, 0.5832, 0.3385
Android (android.graphics.Color)	4294853172 (0xFFFE4234)
YUV	120.6160, -33.8277, 116.9778
Hunter-Lab	50.2147, 66.5457, 28.2712

Details

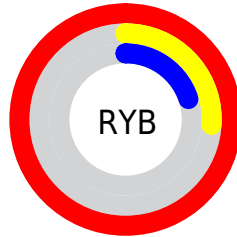
The XYZ color **43.4411, 25.2152, 5.8262** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **50.4613, 70.1974, 104.6551**, and the grayscale version is **18.1312, 19.0754, 20.7732**.

A 20% lighter version of the original color is **51.1783, 37.3783, 16.8293**, and **20.7664, 10.7023, 1.1148** is the 20% darker color. If you saturate the color by 10%, you get **41.9074, 22.8307, 3.2109**, and if you desaturate by 10%, it is **45.8534, 28.8660, 10.2505**.

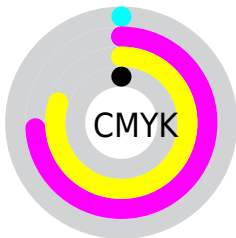
Distribution



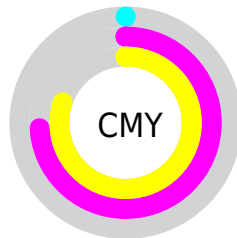
- Red (100%)
- Green (26%)
- Blue (20%)



- Red (100%)
- Yellow (26%)
- Blue (20%)



- Cyan (0%)
- Magenta (74%)
- Yellow (80%)
- Black (0%)





- Cyan (0%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4411, 25.2152, 5.8262 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 43.4411, 25.2152, 5.8262 by changing the saturation by 10% instead.


 43.4411, 25.2152,
5.8262


 43.4411, 25.2152,
5.8262

351.3135,
278.9080, 166.7617

 30.4274, 16.2375,
2.6726


 79.6276, 52.0061,
18.0405

 20.3129, 9.6923,
0.9296


 103.5312, 70.5881,
27.9382

 12.7323, 5.1955,
0.0000


 131.7954, 93.1403,
40.9211

 7.3202, 2.3624,
0.0000

 164.7856,
120.0470, 57.4077

 3.7112, 0.8064,
0.0000

 202.8671,
151.6928, 77.8166

 1.5401, 0.0000,
0.0000

 246.4054,

 0.3529, 0.0000,

188.4619, 102.5661

0.0000

295.7657,
230.7389, 132.0750

■ 0.0000, 0.0000,
0.0000

■ 43.4411, 25.2152,
5.8262

■ 43.4411, 25.2152,
5.8262

■ 41.9074, 22.8307,
3.2109

■ 45.8534, 28.8660,
10.2505

■ 41.1078, 21.5303,
2.0236

■ 49.2485, 33.9210,
16.7313

■ 41.0830, 21.4911,
1.9829

■ 53.7176, 40.5053,
25.4784

■ 59.3413, 48.7286,
36.6755

■ 66.1922, 58.6909,
50.4877

74.3371, 70.4838,
67.0655

83.8377, 84.1929,
86.5479

94.6827, 99.8107,
108.8828

Harmonies

Analogous

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



49.1617, 25.2152, 21.7026



43.4411, 25.2152, 5.8262



32.7051, 25.2152, 1.4646

Triad

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



43.4411, 25.2152, 5.8262



10.1342, 25.2152, 10.5507



26.2002, 25.2152, 129.3698

Complementary

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



43.4411, 25.2152, 5.8262



50.4613, 70.1974, 104.6551

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.



16.9418, 25.2152, 117.4964



43.4411, 25.2152, 5.8262



9.3003, 25.2152, 34.1436

Square

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



43.4411, 25.2152, 5.8262



14.1334, 25.2152, 2.5324



11.4052, 25.2152, 75.9082



37.5457, 25.2152, 101.8787

Rectangle

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



43.4411, 25.2152, 5.8262



25.2314, 25.2152, 0.9042



11.4052, 25.2152, 75.9082



22.7442, 25.2152, 130.0219

Sweetspot

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



43.4417, 25.2167, 5.8266



71.1597, 65.5552, 59.8241



57.9082, 29.8497, 85.5630



14.6172, 13.1422, 11.5567



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.



43.4417, 25.2167, 5.8266



41.7642, 22.1947, 2.4552



55.2138, 48.7610, 9.7506



18.1105, 18.1893, 18.7007



21.6962, 11.4036, 1.0576



2.1461, 1.1776, 0.1142

Inverse Universe

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



50.4613, 70.1974, 104.6551



48.8433, 68.5657, 105.2679



28.6155, 26.5059, 97.3732



18.4406, 20.2529, 23.1872



25.3483, 35.6062, 54.9713



2.4992, 3.5290, 5.3627

Previews

White Background



This preview shows how the XYZ color 43.4411, 25.2152, 5.8262 looks on a white background.

Color Contrast Check

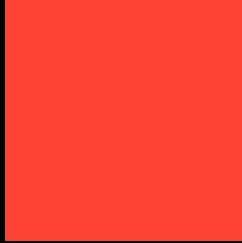
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.4411, 25.2152, 5.8262 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 43.4411, 25.2152, 5.8262

Background



This preview shows how black text looks on a background with the XYZ color 43.4411, 25.2152, 5.8262.



This preview shows how white text looks on a background with the XYZ color 43.4411, 25.2152,

5.8262.

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

43.4411, 25.2152, 5.8262

Protanopia

23.2071, 25.3202, 9.7950

Deuteranopia

25.6683, 25.2442, 5.1888



Tritanopia

43.6898, 25.1310, 7.7023

Trichromacy



Original Color

43.4411, 25.2152, 5.8262

Protanomaly

27.7346, 22.7888, 7.9379

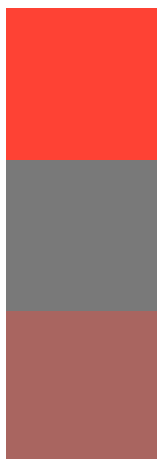
Deuteranomaly

30.0327, 23.2391, 5.0932

Tritanomaly

43.6057, 25.1883, 6.9784

Monochromacy



Original Color

43.4411, 25.2152, 5.8262

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

23.1272, 18.5869, 13.4350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4411, 25.2152, 5.8262 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(254, 66, 52)` looks like.

```
.text, #text, p{  
    color:rgb(254, 66, 52)  
}
```

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(254, 66, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 66, 52) }
```

Border

The CSS property to change the border of an element to XYZ 43.4411, 25.2152, 5.8262 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(254, 66, 52) }
```


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

```
.border{ border-color:rgb(254, 66, 52) }
```

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

Here you see how a box with a 4 pixel rgb(254, 66, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 66, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 66, 52);  
box-shadow:4px 4px 4px 4px rgb(254, 66,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4411, 25.2152, 5.8262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 66, 52) }
```

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

```
.background{ background-color: rgb(254, 66,  
52) }
```

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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