

Converting Colors

XYZ(43.3878, 26.1736, 6.3004)

Have a look what the booklet for
XYZ(43.3878, 26.1736, 6.3004)
contains.

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Color

**XYZ(43.3952, 26.1307,
6.2466)**

Conversions

Conversions Part 1

Format	Color
Hex	FC4C36
RGB	252, 76, 54
RGB Percent	99%, 30%, 21%
CMY	0.0118, 0.7019, 0.7882
CMYK	0.00, 0.70, 0.79, 0.01
HSL	7°, 97%, 60%
HSV	7°, 79%, 99%
XYZ	43.3952, 26.1307, 6.2466
YIQ	126.1160, 111.9580, 30.4700

Conversions

Conversions Part 2

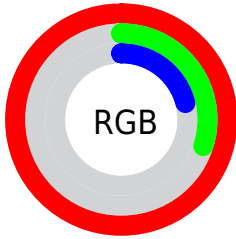
Format	Color
RYB	252, 79, 54
Decimal	16534582
CIELab	58.16, 65.35, 50.73
CIElCh	58, 82.728, 37.820
Yxy	26.1307, 0.5727, 0.3449
Android (android.graphics.Color)	4294724662 (0xFFFC4C36)
YUV	126.1160, -35.5532, 110.4003
Hunter-Lab	51.1182, 62.0752, 28.5376

Details

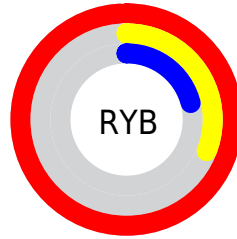
The XYZ color **43.3952, 26.1307, 6.2466** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **47.3854, 64.3994, 102.0277**, and the grayscale version is **19.9628, 21.0024, 22.8717**.

A 20% lighter version of the original color is **52.2133, 39.2895, 17.6636**, and **20.5264, 10.5779, 1.1322** is the 20% darker color. If you saturate the color by 10%, you get **41.6652, 23.3856, 3.4674**, and if you desaturate by 10%, it is **45.9694, 30.0752, 10.8178**.

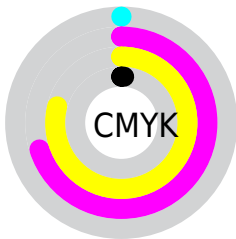
Distribution



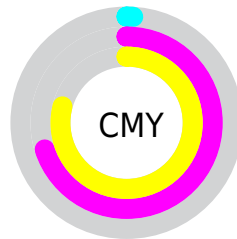
- Red (99%)
- Green (30%)
- Blue (21%)



- Red (99%)
- Yellow (31%)
- Blue (21%)



- Cyan (0%)
- Magenta (70%)
- Yellow (79%)
- Black (1%)





- Cyan (1%)
- Magenta (70%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3952, 26.1307, 6.2466 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 43.3952, 26.1307, 6.2466 by changing the saturation by 10% instead.


 43.3952, 26.1307,
6.2466


 43.3952, 26.1307,
6.2466


351.1285,
283.4231, 170.6340


 30.3912, 16.9214,
2.9244


 79.5589, 53.4857,
18.9271

 20.2852, 10.1785,
1.0562


 103.4493, 72.4003,
29.1224

 12.7120, 5.5175,
0.0000


 131.6992, 95.3187,
42.4459

 7.3062, 2.5540,
0.0000

 164.6739,
122.6254, 59.3160

 3.7023, 0.9036,
0.0000

 202.7389,
154.7049, 80.1514

 1.5352, 0.0000,
0.0000

 246.2594,

 0.3496, 0.0000,

191.9413, 105.3704

0.0000

295.6008,
234.7193, 135.3918

■ 0.0000, 0.0000,
0.0000

■ 43.3952, 26.1307,
6.2466

■ 43.3952, 26.1307,
6.2466

■ 41.6652, 23.3856,
3.4674

■ 45.9694, 30.0752,
10.8178

■ 40.6600, 21.6945,
2.1478

■ 49.4779, 35.3314,
17.4156

■ 40.5602, 21.5265,
2.0173

■ 54.0008, 42.0037,
26.2403

■ 59.6090, 50.1847,
37.4676

■ 66.3671, 59.9591,
51.2558

■ 74.3346, 71.4054,
67.7495

■ 83.5667, 84.5967,
87.0826

■ 93.9546, 99.4353,
108.8487

Harmonies

Analogous

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



49.2569, 26.1307, 21.5798



43.3952, 26.1307, 6.2466



32.8505, 26.1307, 1.8329

Triad

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



43.3952, 26.1307, 6.2466



10.9177, 26.1307, 12.2812



27.5536, 26.1307, 125.7259

Complementary

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



43.3952, 26.1307, 6.2466



47.3854, 64.3994, 102.0277

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.



18.2449, 26.1307, 116.3480



43.3952, 26.1307, 6.2466



10.2122, 26.1307, 36.6469

Square

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



43.3952, 26.1307, 6.2466



14.7895, 26.1307, 3.3250



12.5059, 26.1307, 77.5264



38.6362, 26.1307, 98.1712

Rectangle

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



43.3952, 26.1307, 6.2466



25.5772, 26.1307, 1.2565



12.5059, 26.1307, 77.5264



24.1102, 26.1307, 127.0056

Sweetspot

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



43.3958, 26.1323, 6.2470



71.7495, 66.7347, 60.0207



56.0577, 29.1713, 79.1686



14.7544, 13.4166, 11.6025



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.



43.3958, 26.1323, 6.2470



42.1545, 22.9475, 2.6708



55.7157, 50.7721, 10.3536



17.3999, 17.5357, 17.9301



21.1797, 11.3160, 1.0679



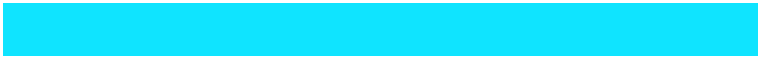
2.0107, 1.1462, 0.1153

Inverse Universe

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



47.3854, 64.3994, 102.0277



46.0925, 63.0052, 104.3396



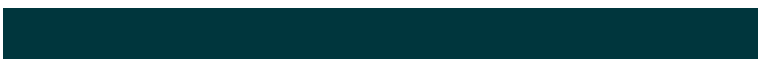
27.5069, 24.6425, 95.4015



17.5914, 19.2596, 22.1756



23.1042, 31.5640, 52.8483



2.1854, 3.0145, 4.9098

Previews

White Background



This preview shows how the XYZ color 43.3952, 26.1307, 6.2466 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 43.3952, 26.1307, 6.2466 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 43.3952, 26.1307, 6.2466

Background



This preview shows how black text looks on a background with the XYZ color 43.3952, 26.1307, 6.2466.



This preview shows how white text looks on a background with the XYZ color 43.3952, 26.1307,

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

43.3952, 26.1307, 6.2466

Protanopia

24.0983, 26.2058, 10.0914

Deuteranopia

26.6750, 26.1584, 5.6506



Tritanopia

44.1951, 26.1695, 9.5594

Trichromacy



Original Color

43.3952, 26.1307, 6.2466

Protanomaly

28.5799, 24.0631, 8.2926

Deuteranomaly

31.1697, 24.6152, 5.5910

Tritanomaly

44.0002, 26.1976, 8.2064

Monochromacy



Original Color

43.3952, 26.1307, 6.2466

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

24.6761, 20.4159, 14.6967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3952, 26.1307, 6.2466 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(252, 76, 54)` looks like.

```
.text, #text, p{  
    color:rgb(252, 76, 54)  
}
```

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(252, 76, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 76, 54) }
```

Border

The CSS property to change the border of an element to XYZ 43.3952, 26.1307, 6.2466 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(252, 76, 54) }
```


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

```
.border{ border-color:rgb(252, 76, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 76, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 76, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 76, 54);  
box-shadow:4px 4px 4px 4px rgb(252, 76,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3952, 26.1307, 6.2466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 76, 54) }
```

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

```
.background{ background-color: rgb(252, 76,  
54) }
```

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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