

Converting Colors

XYZ(44.0815, 27.2136, 9.7648)

Have a look what the booklet for
XYZ(44.0815, 27.2136, 9.7648)
contains.

XYZ(44.1814, 27.2175, 9.7624)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.1814, 27.2175,
9.7624)**

Conversions

Conversions Part 1

Format	Color
Hex	FB534C
RGB	251, 83, 76
RGB Percent	98%, 33%, 30%
CMY	0.0157, 0.6745, 0.7020
CMYK	0.00, 0.67, 0.70, 0.02
HSL	2°, 96%, 64%
HSV	2°, 70%, 98%
XYZ	44.1814, 27.2175, 9.7624
YIQ	132.4340, 102.3750, 33.4390

Conversions

Conversions Part 2

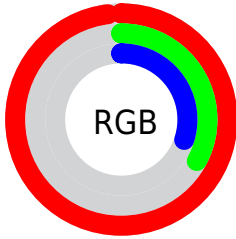
Format	Color
R_{YB}	251, 83, 76
Decimal	16470860
CIE Lab	59.18, 63.29, 40.10
CIE LCh	59, 74.923, 32.356
Yxy	27.2175, 0.5444, 0.3354
Android (android.graphics.Color)	4294660940 (0xFFFB534C)
YUV	132.4340, -27.8220, 103.9824
Hunter-Lab	52.1704, 59.8676, 25.4246

Details

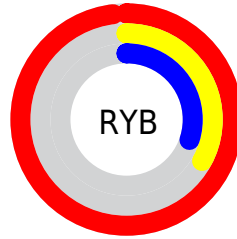
The XYZ color **44.1814, 27.2175, 9.7624** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **52.7406, 73.1966, 102.6148**, and the grayscale version is **22.1619, 23.3160, 25.3912**.

A 20% lighter version of the original color is **54.4665, 41.7904, 24.5977**, and **20.7951, 10.7723, 2.2796** is the 20% darker color. If you saturate the color by 10%, you get **41.9384, 23.8666, 5.5169**, and if you desaturate by 10%, it is **47.4060, 31.9880, 16.0136**.

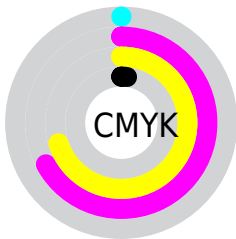
Distribution



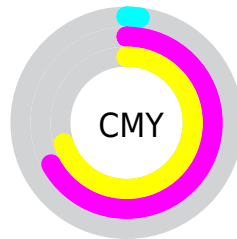
- Red (98%)
- Green (33%)
- Blue (30%)



- Red (98%)
- Yellow (33%)
- Blue (30%)



- Cyan (0%)
- Magenta (67%)
- Yellow (70%)
- Black (2%)





- Cyan (2%)
- Magenta (67%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1814, 27.2175, 9.7624 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 44.1814, 27.2175, 9.7624 by changing the saturation by 10% instead.


 44.1814, 27.2175,
9.7624


 44.1814, 27.2175,
9.7624


354.2877,
288.7087, 199.3906


 31.0117, 17.7366,
5.1382


 80.7353, 55.2327,
25.9484


 20.7596, 10.7611,
2.2684


 104.8502, 74.5358,
38.3473

 13.0599, 5.9064,
0.7134


 133.3441, 97.8818,
54.1748

 7.5471, 2.7883,
0.0000

 166.5825,
125.6551, 73.8494

 3.8559, 1.0222,
0.0000

 204.9307,
158.2400, 97.7898

 1.6209, 0.0000,
0.0000

248.7541,

 0.4060, 0.0000,

196.0210, 126.4144

0.0000

298.4180,
239.3824, 160.1418

■ 0.0000, 0.0000,
0.0000

■ 44.1814, 27.2175,
9.7624

■ 44.1814, 27.2175,
9.7624

■ 41.9384, 23.8666,
5.5169

■ 47.4060, 31.9880,
16.0136

■ 40.5634, 21.7744,
3.0306

■ 51.7054, 38.3070,
24.4755

■ 39.9038, 20.7438,
1.9209

■ 57.1642, 46.2940,
35.3292

■ 39.8925, 20.7273,
1.8982

■ 63.8577, 56.0559,
48.7367

■ 71.8553, 67.6903,
64.8460

81.2209, 81.2880,
83.7937

92.0143, 96.9336,
105.7072

93.5934, 99.2491,
108.8318

Harmonies

Analogous

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



48.2600, 27.2175, 27.5721



44.1814, 27.2175, 9.7624



35.1203, 27.2175, 3.4426

Triad

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



44.1814, 27.2175, 9.7624



13.0068, 27.2175, 11.6142



26.6142, 27.2175, 116.3505

Complementary

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



44.1814, 27.2175, 9.7624



52.7406, 73.1966, 102.6148

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.



18.4049, 27.2175, 102.4522



44.1814, 27.2175, 9.7624



11.7631, 27.2175, 31.7988

Square

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



44.1814, 27.2175, 9.7624



17.4051, 27.2175, 3.9706



13.4789, 27.2175, 66.5257



36.7105, 27.2175, 97.6968

Rectangle

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



44.1814, 27.2175, 9.7624



28.3304, 27.2175, 2.3086



13.4789, 27.2175, 66.5257



23.5552, 27.2175, 115.3252

Sweetspot

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



44.1820, 27.2191, 9.7628



73.3324, 68.4917, 64.8915



58.8747, 32.2808, 89.6469



15.1868, 13.9194, 12.8623



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.



44.1820, 27.2191, 9.7628



42.7510, 23.6473, 4.3907



55.3380, 49.5311, 13.4815



17.3003, 17.3366, 17.8969



20.9940, 10.9446, 1.0060



1.9634, 1.0517, 0.0995

Inverse Universe

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



52.7406, 73.1966, 102.6148



52.0401, 73.8546, 106.1203



32.5632, 32.8418, 95.8890



17.7027, 19.4823, 22.2127



25.7054, 36.7664, 53.7154



2.3988, 3.4412, 4.9810

Previews

White Background



This preview shows how the XYZ color 44.1814, 27.2175, 9.7624 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 44.1814, 27.2175, 9.7624 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 44.1814, 27.2175, 9.7624

Background



This preview shows how black text looks on a background with the XYZ color 44.1814, 27.2175, 9.7624.



This preview shows how white text looks on a background with the XYZ color 44.1814, 27.2175,

9.7624.

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

44.1814, 27.2175, 9.7624

Protanopia

25.3066, 27.3780, 15.2599

Deuteranopia

27.6920, 27.2318, 8.9510



Tritanopia

44.4807, 27.2157, 11.7129

Trichromacy



Original Color

44.1814, 27.2175, 9.7624

Protanomaly

29.6268, 25.2148, 12.7566

Deuteranomaly

32.0954, 25.8613, 9.0945

Tritanomaly

44.3239, 27.1530, 10.8876

Monochromacy



Original Color

44.1814, 27.2175, 9.7624

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

26.6211, 22.3184, 18.2340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1814, 27.2175, 9.7624 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(251, 83, 76)` looks like.

```
.text, #text, p{  
    color:rgb(251, 83, 76)  
}
```

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(251, 83, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 83, 76) }
```

Border

The CSS property to change the border of an element to XYZ 44.1814, 27.2175, 9.7624 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(251, 83, 76) }
```


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

```
.border{ border-color:rgb(251, 83, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 83, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 83, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 83, 76);  
box-shadow:4px 4px 4px 4px rgb(251, 83,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1814, 27.2175, 9.7624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 83, 76) }
```

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

```
.background{ background-color: rgb(251, 83,  
76) }
```

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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