

Converting Colors

XYZ(41.4123, 22.7944, 5.4306)

Have a look what the booklet for
XYZ(41.4123, 22.7944, 5.4306)
contains.

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Color

**XYZ(41.4200, 22.7902,
5.4647)**

Conversions

Conversions Part 1

Format	Color
Hex	FB2F34
RGB	251, 47, 52
RGB Percent	98%, 18%, 20%
CMY	0.0157, 0.8156, 0.7961
CMYK	0.00, 0.81, 0.79, 0.02
HSL	359°, 96%, 58%
HSV	359°, 81%, 98%
XYZ	41.4200, 22.7902, 5.4647
YIQ	108.5660, 119.9790, 44.8030

Conversions

Conversions Part 2

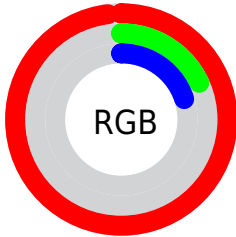
Format	Color
R_{YB}	251, 47, 52
Decimal	16461620
CIE Lab	54.86, 73.66, 48.39
CIE LCh	55, 88.138, 33.302
Yxy	22.7902, 0.5945, 0.3271
Android (android.graphics.Color)	4294651700 (0xFFFB2F34)
YUV	108.5660, -27.8870, 124.9146
Hunter-Lab	47.7391, 71.3291, 26.6304

Details

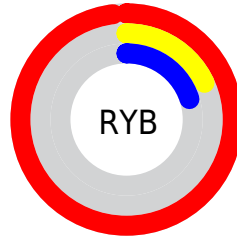
The XYZ color **41.4200, 22.7902, 5.4647** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **52.3074, 76.2535, 99.1648**, and the grayscale version is **14.4681, 15.2215, 16.5763**.

A 20% lighter version of the original color is **49.4454, 33.9904, 16.0113**, and **20.0459, 10.3296, 1.1383** is the 20% darker color. If you saturate the color by 10%, you get **40.2726, 21.1614, 3.0303**, and if you desaturate by 10%, it is **43.4300, 25.6879, 9.5960**.

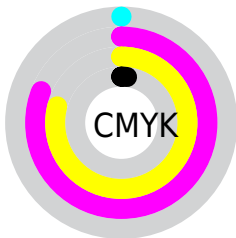
Distribution



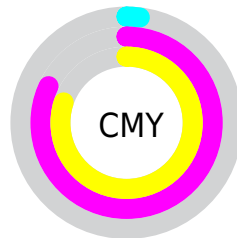
- Red (98%)
- Green (18%)
- Blue (20%)



- Red (98%)
- Yellow (18%)
- Blue (20%)



- Cyan (0%)
- Magenta (81%)
- Yellow (79%)
- Black (2%)





- Cyan (2%)
- Magenta (82%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4200, 22.7902, 5.4647 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 41.4200, 22.7902, 5.4647 by changing the saturation by 10% instead.


 41.4200, 22.7902,
5.4647


 41.4200, 22.7902,
5.4647

343.1056,
266.6456, 163.3305


 28.8365, 14.4387,
2.4589


 76.5917, 48.0486,
17.2674

 19.1009, 8.4264,
0.8183


 99.9107, 65.7243,
26.9013

 11.8476, 4.3690,
0.0000


 127.5389, 87.2768,
39.5818

 6.7115, 1.8820,
0.0000

 159.8417,
113.0905, 55.7273

 3.3270, 0.5375,
0.0000

 197.1844,
143.5498, 75.7564

 1.3290, 0.0000,
0.0000

 239.9324,

 0.2047, 0.0000,

179.0392, 100.0876

0.0000

288.4510,
219.9430, 129.1394

■ 0.0000, 0.0000,
0.0000

■ 41.4200, 22.7902,
5.4647

■ 41.4200, 22.7902,
5.4647

■ 40.2726, 21.1614,
3.0303

■ 43.4300, 25.6879,
9.5960


■ 39.8169, 20.5225,
2.0387


■ 46.4261, 30.0382,
15.6565


■ 50.5134, 35.9992,
23.8432


■ 55.7833, 43.7075,
34.3288

■ 62.3174, 53.2852,
47.2680

 70.1903, 64.8433,
62.8023

 79.4706, 78.4843,
81.0624

 90.2224, 94.3035,
102.1700

 93.5933, 99.2491,
108.8318

Harmonies

Analogous

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



46.2959, 22.7902, 21.8483



41.4200, 22.7902, 5.4647



31.2270, 22.7902, 1.1144

Triad

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



41.4200, 22.7902, 5.4647



8.8556, 22.7902, 7.6605



22.7595, 22.7902, 126.3272

Complementary

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



41.4200, 22.7902, 5.4647



52.3074, 76.2535, 99.1648

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.



14.2808, 22.7902, 110.3687



41.4200, 22.7902, 5.4647



7.8150, 22.7902, 28.0381

Square

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



41.4200, 22.7902, 5.4647



12.9101, 22.7902, 1.5527



9.4639, 22.7902, 67.5264



33.6756, 22.7902, 102.2128

Rectangle

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



41.4200, 22.7902, 5.4647



23.9234, 22.7902, 0.4924



9.4639, 22.7902, 67.5264



19.5467, 22.7902, 125.5078

Sweetspot

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



41.4205, 22.7916, 5.4650



70.3710, 63.7081, 60.3924



55.8074, 28.2684, 93.7810



14.4345, 12.7145, 11.6879



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.



41.4205, 22.7916, 5.4650



41.3569, 21.3953, 2.2728



50.0011, 40.1230, 7.8006



17.2618, 17.2321, 17.9684



20.9372, 10.7906, 1.1116



1.9450, 1.0017, 0.1338

Inverse Universe

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



41.4205, 22.7916, 5.4650



41.3569, 21.3953, 2.2728



30.4420, 31.2826, 95.6997



17.2618, 17.2321, 17.9684



20.9372, 10.7906, 1.1116



1.9450, 1.0017, 0.1338

Previews

White Background



This preview shows how the XYZ color 41.4200, 22.7902, 5.4647 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



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 41.4200, 22.7902, 5.4647

Background



This preview shows how black text looks on a background with the XYZ color 41.4200, 22.7902, 5.4647.



This preview shows how white text looks on a background with the XYZ color 41.4200, 22.7902,

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

41.4200, 22.7902, 5.4647

Protanopia

21.0574, 22.9536, 10.1581

Deuteranopia

23.1540, 22.7879, 4.7683



Tritanopia

41.3537, 22.8284, 4.9161

Trichromacy



Original Color

41.4200, 22.7902, 5.4647

Protanomaly

25.1952, 19.7799, 7.8002

Deuteranomaly

27.4399, 20.4452, 4.5979

Tritanomaly

41.3950, 22.8449, 5.1335

Monochromacy



Original Color

41.4200, 22.7902, 5.4647

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

19.7872, 14.9372, 11.0728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4200, 22.7902, 5.4647 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, 47, 52)` looks like.

```
.text, #text, p{  
    color:rgb(251, 47, 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(251, 47, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 47, 52) }
```

Border

The CSS property to change the border of an element to XYZ 41.4200, 22.7902, 5.4647 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, 47, 52) }
```


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

```
.border{ border-color:rgb(251, 47, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 47, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 47, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 47, 52);  
box-shadow:4px 4px 4px 4px rgb(251, 47,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4200, 22.7902, 5.4647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 47, 52) }
```

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

```
.background{ background-color: rgb(251, 47,  
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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