

Converting Colors

XYZ(43.2140, 25.8700, 9.3748)

Have a look what the booklet for
XYZ(43.2140, 25.8700, 9.3748)
contains.

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Color

**XYZ(43.2104, 25.8641,
9.3714)**

Conversions

Conversions Part 1

Format	Color
Hex	FA4B4B
RGB	250, 75, 75
RGB Percent	98%, 29%, 29%
CMY	0.0196, 0.7058, 0.7059
CMYK	0.00, 0.70, 0.70, 0.02
HSL	0°, 95%, 64%
HSV	0°, 70%, 98%
XYZ	43.2104, 25.8641, 9.3714
YIQ	127.3250, 104.3000, 37.1000

Conversions

Conversions Part 2

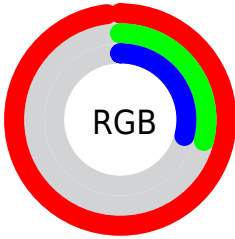
Format	Color
RYB	250, 75, 75
Decimal	16403275
CIELab	57.91, 65.89, 39.12
CIElCh	58, 76.633, 30.699
Yxy	25.8641, 0.5508, 0.3297
Android (android.graphics.Color)	4294593355 (0xFFFA4B4B)
YUV	127.3250, -25.7962, 107.5860
Hunter-Lab	50.8568, 62.6630, 24.6743

Details

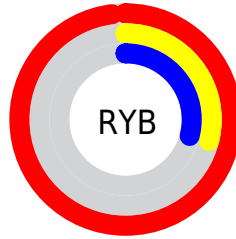
The XYZ color **43.2104, 25.8641, 9.3714** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **54.3388, 76.7618, 102.3945**, and the grayscale version is **20.3469, 21.4066, 23.3118**.

A 20% lighter version of the original color is **53.4032, 39.7654, 23.9296**, and **20.4840, 10.5328, 2.1817** is the 20% darker color. If you saturate the color by 10%, you get **41.1410, 22.8365, 5.2572**, and if you desaturate by 10%, it is **46.2825, 30.3603, 15.4775**.

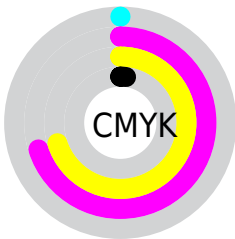
Distribution



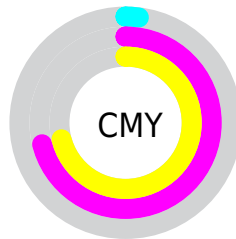
- Red (98%)
- Green (29%)
- Blue (29%)



- Red (98%)
- Yellow (29%)
- Blue (29%)



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





- Cyan (2%)
- Magenta (71%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2104, 25.8641, 9.3714 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 43.2104, 25.8641, 9.3714 by changing the saturation by 10% instead.


 43.2104, 25.8641,
9.3714


 43.2104, 25.8641,
9.3714


350.3832,
282.1143, 196.4438


 30.2455, 16.7220,
4.8841


 79.2820, 53.0556,
25.1953


 20.1740, 10.0365,
2.1219


 103.1194, 71.8738,
37.3690


 12.6306, 5.4232,
0.6287


 131.3116, 94.6862,
52.9420

 7.2499, 2.4976,
0.0000

 164.2241,
121.8771, 72.3326

 3.6666, 0.8754,
0.0000

 202.2221,
153.8310, 95.9596

 1.5153, 0.0000,
0.0000

245.6711,

 0.3362, 0.0000,

190.9323, 124.2415

0.0000

294.9363,
233.5652, 157.5967

■ 0.0000, 0.0000,
0.0000

■ 43.2104, 25.8641,
9.3714

■ 43.2104, 25.8641,
9.3714

■ 41.1410, 22.8365,
5.2572

■ 46.2825, 30.3603,
15.4775

■ 39.9475, 21.0900,
2.8850

■ 50.4605, 36.4739,
23.7828


■ 39.4243, 20.3242,
1.8451


■ 55.8366, 44.3407,
34.4700


■ 39.4243, 20.3242,
1.8451

■ 62.4929, 54.0809,
47.7025

■ 70.5045, 65.8041,
63.6292

 79.9404, 79.6115,
82.3875

 90.8651, 95.5973,
104.1056

 93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



46.9316, 25.8641, 27.5460



43.2104, 25.8641, 9.3714



34.3275, 25.8641, 3.0287

Triad

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



43.2104, 25.8641, 9.3714



12.1306, 25.8641, 9.8967



24.8002, 25.8641, 115.6406

Complementary

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



43.2104, 25.8641, 9.3714



54.3388, 76.7618, 102.3945

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.



16.8829, 25.8641, 99.7689



43.2104, 25.8641, 9.3714



10.7685, 25.8641, 28.7863

Square

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



43.2104, 25.8641, 9.3714



16.5926, 25.8641, 3.1711



12.2663, 25.8641, 62.8799



34.7981, 25.8641, 98.3347

Rectangle

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



43.2104, 25.8641, 9.3714



27.5631, 25.8641, 1.8919



12.2663, 25.8641, 62.8799



21.8259, 25.8641, 113.9458

Sweetspot

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



43.2110, 25.8656, 9.3718



72.8282, 67.4833, 64.7234



59.1954, 32.2582, 93.5484



15.0701, 13.6860, 12.8234



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.



43.2110, 25.8656, 9.3718



42.4233, 22.9917, 4.2815



53.7027, 46.8490, 12.8690



17.2448, 17.2254, 17.8783



20.9120, 10.7808, 0.9787



1.9368, 0.9985, 0.0907

Inverse Universe

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



54.3388, 76.7618, 102.3945



54.7121, 79.1986, 107.0110



33.1655, 34.4151, 95.3367



17.7658, 19.6084, 22.2337



27.2833, 39.9222, 54.2413



2.5269, 3.6975, 5.0237

Previews

White Background



This preview shows how the XYZ color 43.2104, 25.8641, 9.3714 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 43.2104, 25.8641, 9.3714 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 43.2104, 25.8641, 9.3714

Background



This preview shows how black text looks on a background with the XYZ color 43.2104, 25.8641, 9.3714.



This preview shows how white text looks on a background with the XYZ color 43.2104, 25.8641,

9.3714.

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

43.2104, 25.8641, 9.3714

Protanopia

24.0149, 25.8311, 15.2755

Deuteranopia

26.3549, 25.9274, 8.6165



Tritanopia

43.3156, 25.9062, 9.9251

Trichromacy



Original Color

43.2104, 25.8641, 9.3714

Protanomaly

28.3406, 23.6681, 12.7475

Deuteranomaly

30.6878, 24.2974, 8.7027

Tritanomaly

43.2800, 25.8920, 9.7377

Monochromacy



Original Color

43.2104, 25.8641, 9.3714

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

25.0826, 20.5785, 16.8374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2104, 25.8641, 9.3714 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(250, 75, 75)` looks like.

```
.text, #text, p{  
    color:rgb(250, 75, 75)  
}
```

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(250, 75, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 75, 75) }
```

Border

The CSS property to change the border of an element to XYZ 43.2104, 25.8641, 9.3714 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(250, 75, 75) }
```


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

```
.border{ border-color:rgb(250, 75, 75) }
```

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

Here you see how a box with a 4 pixel rgb(250, 75, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 75, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 75, 75);  
box-shadow:4px 4px 4px 4px rgb(250, 75,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2104, 25.8641, 9.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 75, 75) }
```

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

```
.background{ background-color: rgb(250, 75,  
75) }
```

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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