

Converting Colors

XYZ(41.5710, 23.9874, 4.2074)

Have a look what the booklet for
XYZ(41.5710, 23.9874, 4.2074)
contains.

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Color

**XYZ(41.4809, 23.9028,
4.1777)**

Conversions

Conversions Part 1

Format	Color
Hex	FA3E25
RGB	250, 62, 37
RGB Percent	98%, 24%, 15%
CMY	0.0196, 0.7568, 0.8549
CMYK	0.00, 0.75, 0.85, 0.02
HSL	7°, 96%, 56%
HSV	7°, 85%, 98%
XYZ	41.4809, 23.9028, 4.1777
YIQ	115.3620, 120.0730, 32.0810

Conversions

Conversions Part 2

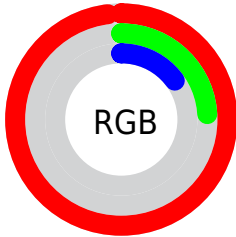
Format	Color
R_{YB}	250, 65, 37
Decimal	16399909
CIE _{Lab}	55.99, 68.96, 56.67
CIE _{LCh}	56, 89.254, 39.411
Yxy	23.9028, 0.5963, 0.3436
Android (android.graphics.Color)	4294589989 (0xFFFA3E25)
YUV	115.3620, -38.6325, 118.0775
Hunter-Lab	48.8905, 65.8891, 29.1570

Details

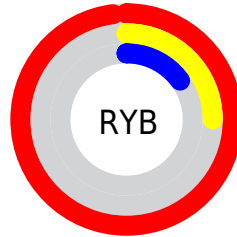
The XYZ color **41.4809, 23.9028, 4.1777** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **44.9396, 61.1383, 99.8741**, and the grayscale version is **16.4958, 17.3549, 18.8994**.

A 20% lighter version of the original color is **50.0027, 36.0978, 13.1362**, and **19.7672, 10.1903, 0.9251** is the 20% darker color. If you saturate the color by 10%, you get **40.2475, 21.8646, 2.4469**, and if you desaturate by 10%, it is **43.4700, 27.0245, 7.4827**.

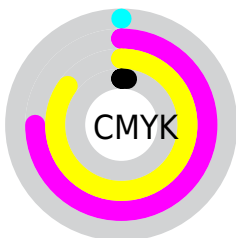
Distribution



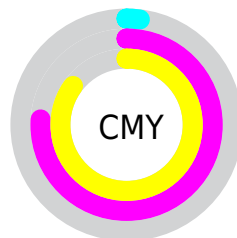
- Red (98%)
- Green (24%)
- Blue (15%)



- Red (98%)
- Yellow (25%)
- Blue (15%)



- Cyan (0%)
- Magenta (75%)
- Yellow (85%)
- Black (2%)





- Cyan (2%)
- Magenta (76%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4809, 23.9028, 4.1777 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 41.4809, 23.9028, 4.1777 by changing the saturation by 10% instead.


 41.4809, 23.9028,
4.1777


 41.4809, 23.9028,
4.1777


343.3549,
272.3287, 150.1805

 28.8844, 15.2615,
1.7233


 76.6835, 49.8715,
14.4176

 19.1372, 9.0031,
0.3766


 100.0203, 67.9678,
23.0401

 11.8741, 4.7432,
0.0000


 127.6678, 89.9845,
34.5558

 6.7296, 2.0974,
0.0000

 159.9915,
116.3061, 49.3832

 3.3384, 0.6632,
0.0000

 197.3567,
147.3169, 67.9409

 1.3351, 0.0000,
0.0000

 240.1288,

 0.2093, 0.0000,

183.4013, 90.6472

0.0000

288.6730,
224.9438, 117.9209

0.0000, 0.0000,
0.0000

41.4809, 23.9028,
4.1777

41.4809, 23.9028,
4.1777

40.2475, 21.8646,
2.4469

43.4700, 27.0245,
7.4827


39.8722, 21.2202,
1.9944


46.3132, 31.3495,
12.6272


50.0949, 36.9861,
19.8283


54.8891, 44.0293,
29.2728

60.7621, 52.5652,
41.1265

 67.7745, 62.6732,
55.5392

 75.9825, 74.4267,
72.6490

 85.4385, 87.8948,
92.5836

 93.2340, 99.0638,
108.8150

Harmonies

Analogous

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



48.0666, 23.9028, 17.8830



41.4809, 23.9028, 4.1777



30.3340, 23.9028, 0.9076

Triad

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



41.4809, 23.9028, 4.1777



8.8649, 23.9028, 10.8537



26.0774, 23.9028, 130.0015

Complementary

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



41.4809, 23.9028, 4.1777



44.9396, 61.1383, 99.8741

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.



16.4985, 23.9028, 121.9041



41.4809, 23.9028, 4.1777



8.3475, 23.9028, 36.3279

Square

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



41.4809, 23.9028, 4.1777



12.4072, 23.9028, 2.2845



10.6890, 23.9028, 80.4205



37.5763, 23.9028, 97.9684

Rectangle

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



41.4809, 23.9028, 4.1777



22.9212, 23.9028, 0.5094



10.6890, 23.9028, 80.4205



22.5178, 23.9028, 132.2132

Sweetspot

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



41.4814, 23.9043, 4.1780



70.2425, 64.6205, 56.7444



53.6967, 27.0915, 73.7401



14.4683, 13.0162, 10.9769



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.



41.4814, 23.9043, 4.1780



41.7029, 22.1858, 2.0843



53.8253, 48.5921, 8.2927



17.4087, 17.5533, 17.9330



21.2019, 11.3604, 1.0753



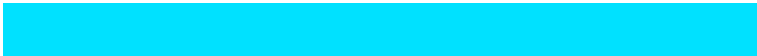
2.0148, 1.1545, 0.1166

Inverse Universe

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



44.9396, 61.1383, 99.8741



44.9899, 61.0998, 104.0300



24.5735, 20.4060, 93.0854



17.5816, 19.2400, 22.1723



22.8874, 31.1304, 52.7760



2.1675, 2.9786, 4.9039

Previews

White Background



This preview shows how the XYZ color 41.4809, 23.9028, 4.1777 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 41.4809, 23.9028, 4.1777 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 41.4809, 23.9028, 4.1777

Background



This preview shows how black text looks on a background with the XYZ color 41.4809, 23.9028, 4.1777.



This preview shows how white text looks on a background with the XYZ color 41.4809, 23.9028,

4.1777.

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

41.4809, 23.9028, 4.1777

Protanopia

21.9312, 24.0878, 7.1079

Deuteranopia

24.2967, 23.9844, 3.3489



Tritanopia

42.1899, 23.9741, 6.8187

Trichromacy



Original Color

41.4809, 23.9028, 4.1777

Protanomaly

26.1458, 21.3776, 5.5446

Deuteranomaly

28.5761, 22.0718, 3.1349

Tritanomaly

42.0194, 23.9889, 5.6645

Monochromacy



Original Color

41.4809, 23.9028, 4.1777

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

21.2130, 16.9464, 11.1698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4809, 23.9028, 4.1777 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, 62, 37)` looks like.

```
.text, #text, p{  
    color:rgb(250, 62, 37)  
}
```

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, 62, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 62, 37) }
```

Border

The CSS property to change the border of an element to XYZ 41.4809, 23.9028, 4.1777 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, 62, 37) }
```


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

```
.border{ border-color:rgb(250, 62, 37) }
```

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

Here you see how a box with a 4 pixel rgb(250, 62, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 62, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 62, 37);  
box-shadow:4px 4px 4px 4px rgb(250, 62,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4809, 23.9028, 4.1777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 62, 37) }
```

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

```
.background{ background-color: rgb(250, 62,  
37) }
```

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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