

Converting Colors

XYZ(41.6827, 23.9696, 6.2421)

Have a look what the booklet for
XYZ(41.6827, 23.9696, 6.2421)
contains.

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Color

**XYZ(41.5281, 23.8804,
6.2915)**

Conversions

Conversions Part 1

Format	Color
Hex	F93E39
RGB	249, 62, 57
RGB Percent	98%, 24%, 22%
CMY	0.0235, 0.7568, 0.7765
CMYK	0.00, 0.75, 0.77, 0.02
HSL	2°, 94%, 60%
HSV	2°, 77%, 98%
XYZ	41.5281, 23.8804, 6.2915
YIQ	117.3430, 113.0570, 38.0890

Conversions

Conversions Part 2

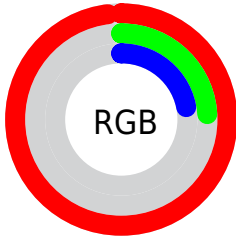
Format	Color
R_{YB}	249, 62, 57
Decimal	16334393
CIE _{Lab}	55.97, 69.20, 46.76
CIE _{LCh}	56, 83.518, 34.049
Yxy	23.8804, 0.5792, 0.3331
Android (android.graphics.Color)	4294524473 (0xFFFF93E39)
YUV	117.3430, -29.7491, 115.4632
Hunter-Lab	48.8676, 66.1726, 26.5740

Details

The XYZ color **41.5281, 23.8804, 6.2915** 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 **51.1325, 72.4021, 100.9020**, and the grayscale version is **17.0818, 17.9713, 19.5708**.

A 20% lighter version of the original color is **50.8728, 36.4458, 17.7181**, and **19.8335, 10.2169, 1.2745** is the 20% darker color. If you saturate the color by 10%, you get **40.0144, 21.6157, 3.4369**, and if you desaturate by 10%, it is **43.9348, 27.4451, 10.9447**.

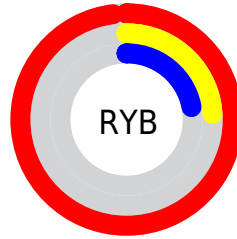
Distribution



Red (98%)

Green (24%)

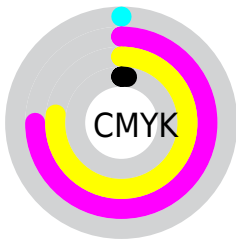
Blue (22%)



Red (98%)

Yellow (24%)

Blue (22%)

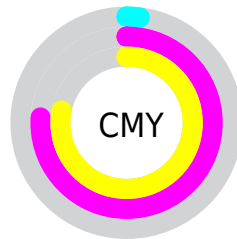


Cyan (0%)

Magenta (75%)

Yellow (77%)

Black (2%)



Cyan (2%)


Magenta (76%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5281, 23.8804, 6.2915 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 41.5281, 23.8804, 6.2915 by changing the saturation by 10% instead.


 41.5281, 23.8804,
6.2915


 41.5281, 23.8804,
6.2915


343.5480,
272.2153, 171.0406


 28.9215, 15.2449,
2.9515


 76.7546, 49.8350,
19.0210


 19.1654, 8.9915,
1.0699


 100.1051, 67.9228,
29.2476

 11.8946, 4.7356,
0.0000


 127.7677, 89.9303,
42.6068

 6.7436, 2.0930,
0.0000

 160.1076,
116.2417, 59.5171

 3.3472, 0.6607,
0.0000

 197.4902,
147.2416, 80.3971

 1.3399, 0.0000,
0.0000

 240.2809,

 0.2128, 0.0000,

183.3142, 105.6653

0.0000

288.8451,
224.8439, 135.7403

■ 0.0000, 0.0000,
0.0000

■ 41.5281, 23.8804,
6.2915

■ 41.5281, 23.8804,
6.2915

■ 40.0144, 21.6157,
3.4369

■ 43.9348, 27.4451,
10.9447

■ 39.2567, 20.4566,
2.0862


■ 47.3416, 32.4600,
17.6252


■ 39.1373, 20.2808,
1.8518


■ 51.8421, 39.0594,
26.5294

■ 57.5188, 47.3612,
37.8298

■ 64.4464, 57.4720,
51.6823

 72.6932, 69.4899,
68.2294

 82.3227, 83.5057,
87.6032

 92.8767, 98.8796,
108.7983

Harmonies

Analogous

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



46.3358, 23.8804, 22.4679



41.5281, 23.8804, 6.2915



31.7025, 23.8804, 1.5998

Triad

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



41.5281, 23.8804, 6.2915



9.8818, 23.8804, 9.1287



24.0168, 23.8804, 121.4086

Complementary

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



41.5281, 23.8804, 6.2915



51.1325, 72.4021, 100.9020

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.



15.5831, 23.8804, 107.5486



41.5281, 23.8804, 6.2915



8.8820, 23.8804, 29.8879

Square

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



41.5281, 23.8804, 6.2915



13.9026, 23.8804, 2.2499



10.6442, 23.8804, 67.8692



34.5873, 23.8804, 98.2762

Rectangle

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



41.5281, 23.8804, 6.2915



24.6519, 23.8804, 0.9388



10.6442, 23.8804, 67.8692



20.8494, 23.8804, 120.9846

Sweetspot

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



41.5286, 23.8818, 6.2919



71.4107, 65.5955, 61.3311



57.1336, 29.7075, 89.7502



14.6410, 13.1015, 11.8366



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.



41.5286, 23.8818, 6.2919



41.6755, 21.9582, 2.6077



51.7273, 44.2792, 9.6914



17.2809, 17.2977, 17.8904



20.9654, 10.8875, 0.9965



1.9541, 1.0332, 0.0964

Inverse Universe

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



51.1325, 72.4021, 100.9020



52.1128, 74.9795, 106.3336



29.6606, 29.4583, 93.7447



17.7247, 19.5262, 22.2200



26.2460, 37.8476, 53.8956



2.4428, 3.5292, 4.9956

Previews

White Background



This preview shows how the XYZ color 41.5281, 23.8804, 6.2915 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 41.5281, 23.8804, 6.2915 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 41.5281, 23.8804, 6.2915

Background



This preview shows how black text looks on a background with the XYZ color 41.5281, 23.8804, 6.2915.



This preview shows how white text looks on a background with the XYZ color 41.5281, 23.8804,

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

41.5281, 23.8804, 6.2915

Protanopia

22.1079, 24.0955, 10.8828

Deuteranopia

24.3037, 23.9376, 5.6250



Tritanopia

41.6329, 23.8361, 7.1092

Trichromacy



Original Color

41.5281, 23.8804, 6.2915

Protanomaly

26.2671, 21.3704, 8.7017

Deuteranomaly

28.5098, 21.9843, 5.5371

Tritanomaly

41.5780, 23.8141, 6.8201

Monochromacy



Original Color

41.5281, 23.8804, 6.2915

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

21.8573, 17.3749, 13.0282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5281, 23.8804, 6.2915 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(249, 62, 57)` looks like.

```
.text, #text, p{  
    color:rgb(249, 62, 57)  
}
```

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(249, 62, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 62, 57) }
```

Border

The CSS property to change the border of an element to XYZ 41.5281, 23.8804, 6.2915 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(249, 62, 57) }
```


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

```
.border{ border-color:rgb(249, 62, 57) }
```

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

Here you see how a box with a 4 pixel rgb(249, 62, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 62, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 62, 57);  
box-shadow:4px 4px 4px 4px rgb(249, 62,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5281, 23.8804, 6.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 62, 57) }
```

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

```
.background{ background-color: rgb(249, 62,  
57) }
```

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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