

Converting Colors

XYZ(41.0757, 23.0539, 5.8993)

Have a look what the booklet for
XYZ(41.0757, 23.0539, 5.8993)
contains.

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Color

**XYZ(41.0757, 23.0539,
5.8993)**

Conversions

Conversions Part 1

Format	Color
Hex	F93637
RGB	249, 54, 55
RGB Percent	98%, 21%, 22%
CMY	0.0235, 0.7882, 0.7843
CMYK	0.00, 0.78, 0.78, 0.02
HSL	360°, 94%, 59%
HSV	360°, 78%, 98%
XYZ	41.0757, 23.0539, 5.8993
YIQ	112.4190, 115.8990, 41.6510

Conversions

Conversions Part 2

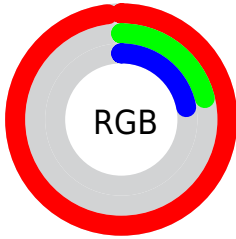
Format	Color
R_{YB}	249, 54, 55
Decimal	16332343
CIE Lab	55.13, 71.44, 46.95
CIE LCh	55, 85.488, 33.316
Yxy	23.0539, 0.5866, 0.3292
Android (android.graphics.Color)	4294522423 (0xFFFF93637)
YUV	112.4190, -28.3076, 119.7815
Hunter-Lab	48.0145, 68.6789, 26.3255

Details

The XYZ color **41.0757, 23.0539, 5.8993** 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 **52.3433, 75.3139, 100.5977**, and the grayscale version is **15.5832, 16.3948, 17.8539**.

A 20% lighter version of the original color is **50.1666, 35.1961, 16.9814**, and **19.5832, 10.0892, 1.2024** is the 20% darker color. If you saturate the color by 10%, you get **39.7461, 21.1190, 3.2250**, and if you desaturate by 10%, it is **43.2963, 26.2954, 10.3394**.

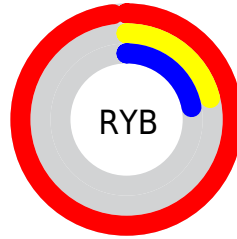
Distribution



Red (98%)

Green (21%)

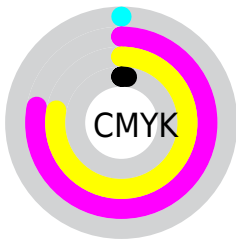
Blue (22%)



Red (98%)

Yellow (21%)

Blue (22%)

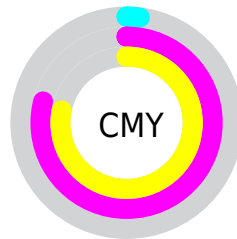


Cyan (0%)

Magenta (78%)

Yellow (78%)

Black (2%)



Cyan (2%)


Magenta (79%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0757, 23.0539, 5.8993 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 41.0757, 23.0539, 5.8993 by changing the saturation by 10% instead.


 41.0757, 23.0539,
5.8993


 41.0757, 23.0539,
5.8993

341.6941,
268.0017, 167.4438


 28.5662, 14.6333,
2.7161


 76.0728, 48.4818,
18.1956

 18.8955, 8.5624,
0.9515


 99.2910, 66.2579,
28.1458

 11.6984, 4.4569,
0.0000


 126.8096, 87.9213,
41.1887

 6.6094, 1.9323,
0.0000

 158.9938,
113.8565, 57.7430

 3.2632, 0.5677,
0.0000

 196.2090,
144.4477, 78.2271

 1.2944, 0.0000,
0.0000

 238.8205,

 0.1790, 0.0000,

180.0793, 103.0595

0.0000

287.1938,
221.1359, 132.6589

■ 0.0000, 0.0000,
0.0000

■ 41.0757, 23.0539,
5.8993

■ 41.0757, 23.0539,
5.8993

■ 39.7461, 21.1190,
3.2250

■ 43.2963, 26.2954,
10.3394

■ 39.1423, 20.2431,
2.0008

■ 46.5252, 31.0140,
16.7775

■ 39.0736, 20.1424,
1.8645

■ 50.8636, 37.3590,
25.4119

■ 56.3999, 45.4606,
36.4166

■ 63.2137, 55.4356,
49.9483

71.3777, 67.3909,
66.1501

80.9591, 81.4252,
85.1547

92.0208, 97.6308,
107.0857

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.



45.7777, 23.0539, 22.1860



41.0757, 23.0539, 5.8993



31.2171, 23.0539, 1.3466

Triad

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



41.0757, 23.0539, 5.8993



9.2759, 23.0539, 8.1375



22.9895, 23.0539, 122.4412

Complementary

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



41.0757, 23.0539, 5.8993



52.3433, 75.3139, 100.5977

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.



14.6684, 23.0539, 107.2860



41.0757, 23.0539, 5.8993



8.2342, 23.0539, 28.2625

Square

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



41.0757, 23.0539, 5.8993



13.3075, 23.0539, 1.8263



9.8866, 23.0539, 66.3840



33.6005, 23.0539, 99.4857

Rectangle

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



41.0757, 23.0539, 5.8993



24.1154, 23.0539, 0.7090



9.8866, 23.0539, 66.3840



19.8471, 23.0539, 121.6695

Sweetspot

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



41.0762, 23.0553, 5.8996



71.0965, 64.9129, 61.3931



56.3370, 29.0270, 92.2555



14.5678, 12.9426, 11.8510



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.



41.0762, 23.0553, 5.8996



41.5125, 21.6491, 2.5012



50.3634, 41.6670, 8.8801



17.2482, 17.2266, 17.8969



20.9171, 10.7826, 1.0061



1.9385, 0.9991, 0.0996

Inverse Universe

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



41.0762, 23.0553, 5.8996



41.5125, 21.6491, 2.5012



30.3020, 30.9863, 94.0058



17.2482, 17.2266, 17.8969



20.9171, 10.7826, 1.0061



1.9385, 0.9991, 0.0996

Previews

White Background



This preview shows how the XYZ color 41.0757, 23.0539, 5.8993 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 41.0757, 23.0539, 5.8993 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 41.0757, 23.0539, 5.8993

Background



This preview shows how black text looks on a background with the XYZ color 41.0757, 23.0539, 5.8993.



This preview shows how white text looks on a background with the XYZ color 41.0757, 23.0539,

5.8993.

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

41.0757, 23.0539, 5.8993

Protanopia

21.3035, 23.0723, 10.5383

Deuteranopia

23.5697, 23.1819, 5.2398



Tritanopia

41.0757, 23.0539, 5.8993

Trichromacy



Original Color

41.0757, 23.0539, 5.8993

Protanomaly

25.5842, 20.4101, 8.3855

Deuteranomaly

27.7958, 21.0396, 5.0787

Tritanomaly

41.0757, 23.0539, 5.8993

Monochromacy



Original Color

41.0757, 23.0539, 5.8993

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

20.5297, 15.9189, 11.8881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0757, 23.0539, 5.8993 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, 54, 55)` looks like.

```
.text, #text, p{  
    color:rgb(249, 54, 55)  
}
```

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, 54, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 54, 55) }
```

Border

The CSS property to change the border of an element to XYZ 41.0757, 23.0539, 5.8993 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, 54, 55) }
```


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

```
.border{ border-color:rgb(249, 54, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 54, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 54, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 54, 55);  
box-shadow:4px 4px 4px 4px rgb(249, 54,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0757, 23.0539, 5.8993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 54, 55) }
```

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

```
.background{ background-color: rgb(249, 54,  
55) }
```

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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