

Converting Colors

XYZ(43.9019, 25.6333, 5.7682)

Have a look what the booklet for
XYZ(43.9019, 25.6333, 5.7682)
contains.

XYZ(43.9047, 25.6333, 5.7656)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.9047, 25.6333,
5.7656)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4433
RGB	255, 68, 51
RGB Percent	100%, 27%, 20%
CMY	0.0000, 0.7333, 0.8000
CMYK	0.00, 0.73, 0.80, 0.00
HSL	5°, 100%, 60%
HSV	5°, 80%, 100%
XYZ	43.9047, 25.6333, 5.7656
YIQ	121.9750, 116.9090, 34.3570

Conversions

Conversions Part 2

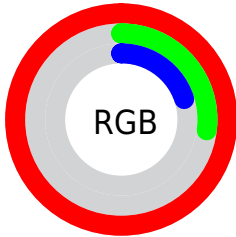
Format	Color
R_{YB}	255, 70, 51
Decimal	16729139
CIE _{Lab}	57.69, 68.89, 51.94
CIE _{LCh}	58, 86.281, 37.016
Yxy	25.6333, 0.5830, 0.3404
Android (android.graphics.Color)	4294919219 (0xFFFF4433)
YUV	121.9750, -34.9907, 116.6629
Hunter-Lab	50.6293, 66.1901, 28.6887

Details

The XYZ color **43.9047, 25.6333, 5.7656** 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 **49.9855, 69.0644, 105.3034**, and the grayscale version is **18.5763, 19.5437, 21.2831**.

A 20% lighter version of the original color is **51.2594, 37.6184, 16.6160**, and **21.0027, 10.8254, 1.0687** is the 20% darker color. If you saturate the color by 10%, you get **42.3454, 23.1817, 3.1909**, and if you desaturate by 10%, it is **46.3360, 29.3372, 10.1495**.

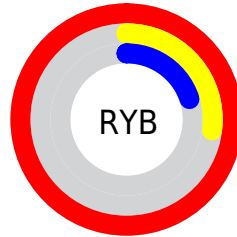
Distribution



Red (100%)

Green (27%)

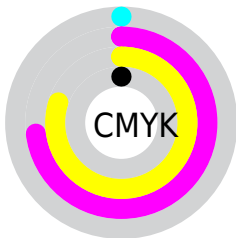
Blue (20%)



Red (100%)

Yellow (27%)

Blue (20%)

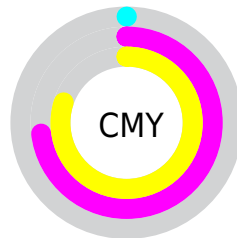


Cyan (0%)

Magenta (73%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (73%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9047, 25.6333, 5.7656 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 43.9047, 25.6333, 5.7656 by changing the saturation by 10% instead.


 43.9047, 25.6333,
5.7656


 43.9047, 25.6333,
5.7656


353.1780,
280.9773, 166.1933


 30.7932, 16.5495,
2.6366


 80.3216, 52.6828,
17.9116


 20.5925, 9.9138,
0.9113


 104.3576, 71.4173,
27.7657


 12.9372, 5.3419,
0.0000


 132.7659, 94.1374,
40.6985

 7.4620, 2.4492,
0.0000

 165.9117,
121.2277, 57.1287

 3.8016, 0.8510,
0.0000

 204.1605,
153.0724, 77.4747

 1.5905, 0.0000,
0.0000

 247.8776,

 0.3862, 0.0000,

190.0559, 102.1551

0.0000

297.4283,
232.5628, 131.5885

■ 0.0000, 0.0000,
0.0000

■ 43.9047, 25.6333,
5.7656

■ 43.9047, 25.6333,
5.7656

■ 42.3454, 23.1817,
3.1909

■ 46.3360, 29.3372,
10.1495

■ 41.5128, 21.8061,
2.0210

■ 49.7415, 34.4261,
16.5937

■ 41.5128, 21.8061,
2.0210

■ 54.2109, 41.0206,
25.3106

■ 59.8232, 49.2271,
36.4858

■ 66.6498, 59.1422,
50.2860

■ 74.7565, 70.8549,
66.8630

■ 84.2041, 84.4482,
86.3574

95.0497, 99.9998,
108.8999

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



49.8608, 25.6333, 21.5250



43.9047, 25.6333, 5.7656



32.9681, 25.6333, 1.4694

Triad

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



43.9047, 25.6333, 5.7656



10.2750, 25.6333, 11.0740



26.8702, 25.6333, 130.9362

Complementary

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



43.9047, 25.6333, 5.7656



49.9855, 69.0644, 105.3034

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.



17.4040, 25.6333, 119.8097



43.9047, 25.6333, 5.7656



9.4929, 25.6333, 35.4479

Square

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



43.9047, 25.6333, 5.7656



14.2585, 25.6333, 2.6769



11.7001, 25.6333, 78.0485



38.3786, 25.6333, 102.3848

Rectangle

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



43.9047, 25.6333, 5.7656



25.4120, 25.6333, 0.9297



11.7001, 25.6333, 78.0485



23.3446, 25.6333, 131.9158

Sweetspot

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



43.9053, 25.6348, 5.7660



71.3565, 65.9488, 59.8897



57.8561, 29.8006, 83.5912



14.6630, 13.2337, 11.5720



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.



43.9053, 25.6348, 5.7660



41.7759, 22.2424, 2.3843



56.2120, 50.2482, 9.8682



18.1311, 18.2304, 18.7075



21.7333, 11.4779, 1.0700



2.1558, 1.1970, 0.1174

Inverse Universe

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



49.9855, 69.0644, 105.3034



47.7669, 66.4642, 104.9190



28.2193, 25.5321, 98.0480



18.4177, 20.2069, 23.1796



24.8198, 34.5493, 54.7951



2.4533, 3.4373, 5.3474

Previews

White Background



This preview shows how the XYZ color 43.9047, 25.6333, 5.7656 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 43.9047, 25.6333, 5.7656 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 43.9047, 25.6333, 5.7656

Background



This preview shows how black text looks on a background with the XYZ color 43.9047, 25.6333, 5.7656.



This preview shows how white text looks on a background with the XYZ color 43.9047, 25.6333,

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

43.9047, 25.6333, 5.7656

Protanopia

23.5068, 25.6925, 9.6814

Deuteranopia

26.2192, 25.7320, 5.0982



Tritanopia

44.2624, 25.5861, 8.2359

Trichromacy



Original Color

43.9047, 25.6333, 5.7656

Protanomaly

28.0657, 23.1276, 7.8353

Deuteranomaly

30.7535, 23.9278, 5.0051

Tritanomaly

44.1167, 25.6221, 7.1778

Monochromacy



Original Color

43.9047, 25.6333, 5.7656

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

23.4403, 18.8933, 13.4777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9047, 25.6333, 5.7656 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(255, 68, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 68, 51)  
}
```

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(255, 68, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 68, 51) }
```

Border

The CSS property to change the border of an element to XYZ 43.9047, 25.6333, 5.7656 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(255, 68, 51) }
```


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

```
.border{ border-color:rgb(255, 68, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 68, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 68, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 68, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 68,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9047, 25.6333, 5.7656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 68, 51) }
```

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

```
.background{ background-color: rgb(255, 68,  
51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor