

Converting Colors

XYZ(42.9937, 26.9006, 6.8210)

Have a look what the booklet for
XYZ(42.9937, 26.9006, 6.8210)
contains.

XYZ(43.0539, 26.9321, 6.8001)	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(43.0539, 26.9321,
6.8001)**

Conversions

Conversions Part 1

Format	Color
Hex	F95539
RGB	249, 85, 57
RGB Percent	98%, 33%, 22%
CMY	0.0235, 0.6666, 0.7765
CMYK	0.00, 0.66, 0.77, 0.02
HSL	9°, 94%, 60%
HSV	9°, 77%, 98%
XYZ	43.0539, 26.9321, 6.8001
YIQ	130.8440, 106.7320, 26.0600

Conversions

Conversions Part 2

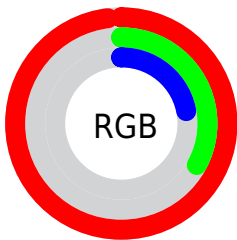
Format	Color
R_{YB}	249, 90, 57
Decimal	16340281
CIE _{Lab}	58.91, 61.10, 49.81
CIE _{LCh}	59, 78.831, 39.185
Yxy	26.9321, 0.5607, 0.3507
Android (android.graphics.Color)	4294530361 (0xFFFF95539)
YUV	130.8440, -36.4051, 103.6228
Hunter-Lab	51.8961, 57.2683, 28.5584

Details

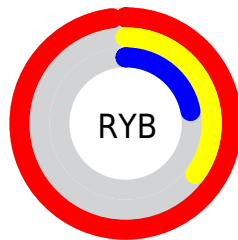
The XYZ color **43.0539, 26.9321, 6.8001** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **44.6398, 59.4168, 98.7376**, and the grayscale version is **21.6182, 22.7440, 24.7682**.

A 20% lighter version of the original color is **53.5145, 41.6466, 18.8537**, and **19.9818, 10.5495, 1.2128** is the 20% darker color. If you saturate the color by 10%, you get **41.1477, 23.8823, 3.8147**, and if you desaturate by 10%, it is **45.7686, 31.1127, 11.5560**.

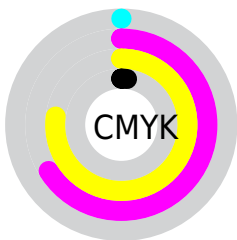
Distribution



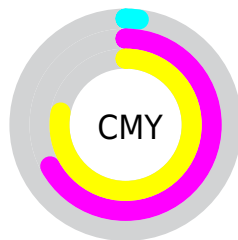
- Red (98%)
- Green (33%)
- Blue (22%)



- Red (98%)
- Yellow (35%)
- Blue (22%)



- Cyan (0%)
- Magenta (66%)
- Yellow (77%)
- Black (2%)





- Cyan (2%)
- Magenta (67%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0539, 26.9321, 6.8001 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 43.0539, 26.9321, 6.8001 by changing the saturation by 10% instead.


 43.0539, 26.9321,
6.8001


 43.0539, 26.9321,
6.8001


349.7511,
287.3282, 175.5596


 30.1221, 17.5222,
3.2609


 79.0474, 54.7749,
20.0759

 20.0798, 10.6075,
1.2293


 102.8398, 73.9766,
30.6495


 12.5617, 5.8036,
0.0028


 130.9832, 97.2111,
44.4050

 7.2023, 2.7260,
0.0000

 163.8428,
124.8626, 61.7610

 3.6364, 0.9904,
0.0000

 201.7840,
157.3158, 83.1358

 1.4986, 0.0000,
0.0000

 245.1723,

 0.3249, 0.0000,

194.9548, 108.9482

0.0000

294.3729,
238.1641, 139.6166

■ 0.0000, 0.0000,
0.0000

■ 43.0539, 26.9321,
6.8001

■ 43.0539, 26.9321,
6.8001

■ 41.1477, 23.8823,
3.8147

■ 45.7686, 31.1127,
11.5560

■ 39.9510, 21.8452,
2.3177


■ 49.3700, 36.5169,
18.3014


■ 39.7074, 21.4211,
2.0419


■ 53.9289, 43.2330,
27.2250

■ 59.5081, 51.3398,
38.4930

■ 66.1653, 60.9098,
52.2553

 73.9534, 72.0103,
68.6496

 82.9222, 84.7048,
87.8031

 92.8766, 98.8796,
108.7983

Harmonies

Analogous

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



48.9253, 26.9321, 21.5617



43.0539, 26.9321, 6.8001



32.8553, 26.9321, 2.3232

Triad

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



43.0539, 26.9321, 6.8001



11.7683, 26.9321, 14.0830



28.7089, 26.9321, 120.6823

Complementary

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



43.0539, 26.9321, 6.8001



44.6398, 59.4168, 98.7376

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.



19.4970, 26.9321, 113.5937



43.0539, 26.9321, 6.8001



11.1923, 26.9321, 38.7572

Square

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



43.0539, 26.9321, 6.8001



15.4857, 26.9321, 4.2898



13.6425, 26.9321, 78.0143



39.3651, 26.9321, 93.7384

Rectangle

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



43.0539, 26.9321, 6.8001



25.8658, 26.9321, 1.7357



13.6425, 26.9321, 78.0143



25.3323, 26.9321, 122.4448

Sweetspot

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



43.0545, 26.9337, 6.8005



73.0526, 68.8792, 61.8784



53.9030, 28.4152, 72.7384



15.0255, 13.8706, 11.9648



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.



43.0545, 26.9337, 6.8005



42.5960, 23.7992, 2.9145



55.8452, 52.5150, 11.0641



17.4489, 17.6336, 17.9464



21.3161, 11.5888, 1.1134



2.0337, 1.1923, 0.1229

Inverse Universe

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



44.6398, 59.4168, 98.7376



43.9959, 58.7456, 103.6279



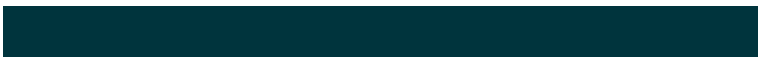
26.4273, 22.9917, 92.6668



17.5374, 19.1516, 22.1576



21.9276, 29.2108, 52.4561



2.0879, 2.8194, 4.8773

Previews

White Background



This preview shows how the XYZ color 43.0539, 26.9321, 6.8001 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 43.0539, 26.9321, 6.8001 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 43.0539, 26.9321, 6.8001

Background



This preview shows how black text looks on a background with the XYZ color 43.0539, 26.9321, 6.8001.



This preview shows how white text looks on a background with the XYZ color 43.0539, 26.9321,

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

43.0539, 26.9321, 6.8001

Protanopia

24.8137, 27.0085, 10.3839

Deuteranopia

27.4977, 26.9824, 6.2415



Tritanopia

44.0465, 26.8807, 11.6711

Trichromacy



Original Color

43.0539, 26.9321, 6.8001

Protanomaly

29.1160, 25.0392, 8.7673

Deuteranomaly

31.8175, 25.7817, 6.2051

Tritanomaly

43.7116, 26.8666, 9.5385

Monochromacy



Original Color

43.0539, 26.9321, 6.8001

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

25.9716, 22.0328, 15.9806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0539, 26.9321, 6.8001 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, 85, 57)` looks like.

```
.text, #text, p{  
    color:rgb(249, 85, 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, 85, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 85, 57) }
```

Border

The CSS property to change the border of an element to XYZ 43.0539, 26.9321, 6.8001 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, 85, 57) }
```


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

```
.border{ border-color:rgb(249, 85, 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, 85, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 85, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 85, 57);  
box-shadow:4px 4px 4px 4px rgb(249, 85,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0539, 26.9321, 6.8001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 85, 57) }
```

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

```
.background{ background-color: rgb(249, 85,  
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](#).

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