

Converting Colors

XYZ(43.4286, 27.3378, 7.9942)

Have a look what the booklet for
XYZ(43.4286, 27.3378, 7.9942)
contains.

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Color

**XYZ(43.4293, 27.3378,
7.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	F95741
RGB	249, 87, 65
RGB Percent	98%, 34%, 25%
CMY	0.0235, 0.6588, 0.7451
CMYK	0.00, 0.65, 0.74, 0.02
HSL	7°, 94%, 62%
HSV	7°, 74%, 98%
XYZ	43.4293, 27.3378, 7.9888
YIQ	132.9300, 103.6140, 27.5020

Conversions

Conversions Part 2

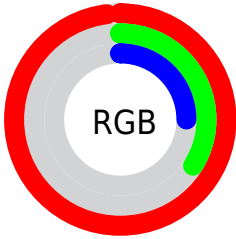
Format	Color
R_{YB}	249, 90, 65
Decimal	16340801
CIE _{Lab}	59.29, 60.60, 46.07
CIE _{LCh}	59, 76.129, 37.245
Yxy	27.3378, 0.5514, 0.3471
Android (android.graphics.Color)	4294530881 (0xFFFF95741)
YUV	132.9300, -33.4895, 101.7934
Hunter-Lab	52.2856, 56.7655, 27.5409

Details

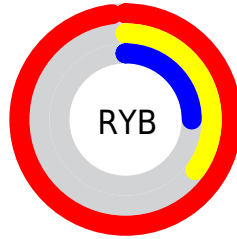
The XYZ color **43.4293, 27.3378, 7.9888** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **46.7452, 62.8961, 99.2984**, and the grayscale version is **22.3618, 23.5264, 25.6202**.

A 20% lighter version of the original color is **54.2505, 42.4214, 21.2484**, and **20.3753, 10.8616, 1.6387** is the 20% darker color. If you saturate the color by 10%, you get **41.3468, 24.0843, 4.4860**, and if you desaturate by 10%, it is **46.3693, 31.7989, 13.3447**.

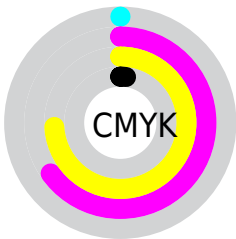
Distribution



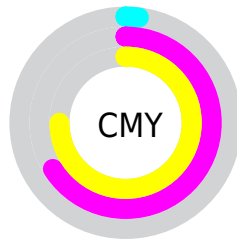
- Red (98%)
- Green (34%)
- Blue (25%)



- Red (98%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (65%)
- Yellow (74%)
- Black (2%)





- Cyan (2%)
- Magenta (66%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4293, 27.3378, 7.9888 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 43.4293, 27.3378, 7.9888 by changing the saturation by 10% instead.


 43.4293, 27.3378,
7.9888


 43.4293, 27.3378,
7.9888


351.2660,
289.2890, 185.5755

 30.4181, 17.8271,
4.0001


 79.6100, 55.4255,
22.4823


 20.3058, 10.8259,
1.6254


 103.5101, 74.7712,
33.8242

 12.7271, 5.9499,
0.3088

 131.7706, 98.1640,
48.4542

 7.3166, 2.8146,
0.0000

 164.7569,
125.9884, 66.7909

 3.7089, 1.0357,
0.0000

 202.8341,
158.6287, 89.2529

 1.5388, 0.0000,
0.0000

 246.3679,

 0.3520, 0.0000,

196.4693, 116.2586

0.0000

295.7233,
239.8946, 148.2266

■ 0.0000, 0.0000,
0.0000

■ 43.4293, 27.3378,
7.9888

■ 43.4293, 27.3378,
7.9888

■ 41.3468, 24.0843,
4.4860

■ 46.3693, 31.7989,
13.3447

■ 40.0243, 21.9147,
2.5799


■ 50.2464, 37.5661,
20.7624


■ 39.5255, 21.0573,
1.9812

■ 55.1327, 44.7331,
30.4241

■ 61.0929, 53.3836,
42.4913

■ 68.1861, 63.5947,
57.1109

 76.4671, 75.4382,
74.4178

 85.9871, 88.9813,
94.5376

 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.



48.6744, 27.3378, 23.6378



43.4293, 27.3378, 7.9888



33.7183, 27.3378, 2.8814

Triad

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



43.4293, 27.3378, 7.9888



12.5051, 27.3378, 13.7567



28.3589, 27.3378, 117.8117

Complementary

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



43.4293, 27.3378, 7.9888



46.7452, 62.8961, 99.2984

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.



19.5328, 27.3378, 108.8934



43.4293, 27.3378, 7.9888



11.7370, 27.3378, 36.8717

Square

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



43.4293, 27.3378, 7.9888



16.4130, 27.3378, 4.5102



13.9756, 27.3378, 74.0464



38.6975, 27.3378, 93.9527

Rectangle

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



43.4293, 27.3378, 7.9888



26.8727, 27.3378, 2.1150



13.9756, 27.3378, 74.0464



25.1146, 27.3378, 118.7088

Sweetspot

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



43.4299, 27.3394, 7.9892



73.5148, 69.3342, 63.4802



54.8959, 29.4959, 75.8592



15.2604, 14.1595, 12.6009



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.



43.4299, 27.3394, 7.9892



42.8258, 24.0952, 3.4954



56.0343, 52.5481, 12.1907



17.4118, 17.5595, 17.9340



21.2099, 11.3764, 1.0780



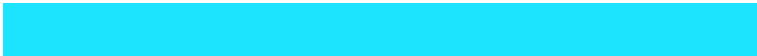
2.0163, 1.1574, 0.1171

Inverse Universe

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



46.7452, 62.8961, 99.2984



46.2332, 62.8735, 104.3068



28.0175, 25.4407, 93.0559



17.5782, 19.2332, 22.1712



22.8123, 30.9802, 52.7510



2.1613, 2.9662, 4.9018

Previews

White Background



This preview shows how the XYZ color 43.4293, 27.3378, 7.9888 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 43.4293, 27.3378, 7.9888 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 43.4293, 27.3378, 7.9888

Background



This preview shows how black text looks on a background with the XYZ color 43.4293, 27.3378, 7.9888.



This preview shows how white text looks on a background with the XYZ color 43.4293, 27.3378,

7.9888.

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

43.4293, 27.3378, 7.9888

Protanopia

25.2884, 27.4376, 12.1467

Deuteranopia

27.8301, 27.3396, 7.3003



Tritanopia

44.3978, 27.3859, 12.3972

Trichromacy



Original Color

43.4293, 27.3378, 7.9888

Protanomaly

29.6227, 25.6349, 10.2242

Deuteranomaly

32.1440, 26.0997, 7.3466

Tritanomaly

44.1208, 27.4002, 10.5528

Monochromacy



Original Color

43.4293, 27.3378, 7.9888

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

26.6314, 22.6875, 17.1628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4293, 27.3378, 7.9888 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, 87, 65)` looks like.

```
.text, #text, p{  
    color:rgb(249, 87, 65)  
}
```

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, 87, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 87, 65) }
```

Border

The CSS property to change the border of an element to XYZ 43.4293, 27.3378, 7.9888 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, 87, 65) }
```


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

```
.border{ border-color:rgb(249, 87, 65) }
```

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

Here you see how a box with a 4 pixel rgb(249, 87, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 87, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 87, 65);  
box-shadow:4px 4px 4px 4px rgb(249, 87,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4293, 27.3378, 7.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 87, 65) }
```

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

```
.background{ background-color: rgb(249, 87,  
65) }
```

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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