

Converting Colors

XYZ(43.5540, 30.5187, 14.3348)

Have a look what the booklet for
XYZ(43.5540, 30.5187, 14.3348)
contains.

XYZ(43.5767, 30.5033, 14.4175)	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(43.5767, 30.5033,
14.4175)**

Conversions

Conversions Part 1

Format	Color
Hex	F06E5F
RGB	240, 110, 95
RGB Percent	94%, 43%, 37%
CMY	0.0588, 0.5686, 0.6274
CMYK	0.00, 0.54, 0.60, 0.06
HSL	6°, 83%, 66%
HSV	6°, 60%, 94%
XYZ	43.5767, 30.5033, 14.4175
YIQ	147.1600, 82.2950, 22.8950

Conversions

Conversions Part 2

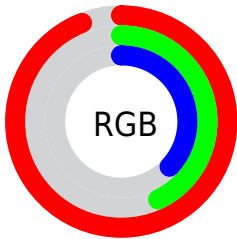
Format	Color
R_{YB}	240, 112, 95
Decimal	15756895
CIE _{Lab}	62.09, 48.97, 32.69
CIE _{LCh}	62, 58.878, 33.728
Yxy	30.5033, 0.4924, 0.3447
Android (android.graphics.Color)	4293946975 (0xFFFF06E5F)
YUV	147.1600, -25.7149, 81.4207
Hunter-Lab	55.2298, 44.1856, 23.1835

Details

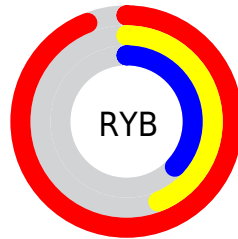
The XYZ color **43.5767, 30.5033, 14.4175** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **47.3709, 62.5710, 92.0185**, and the grayscale version is **27.8796, 29.3315, 31.9420**.

A 20% lighter version of the original color is **59.8834, 50.2456, 33.7363**, and **20.3078, 12.5067, 4.1400** is the 20% darker color. If you saturate the color by 10%, you get **40.6026, 26.0406, 8.8478**, and if you desaturate by 10%, it is **47.4517, 36.2308, 21.9454**.

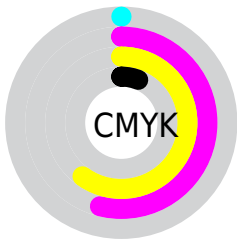
Distribution



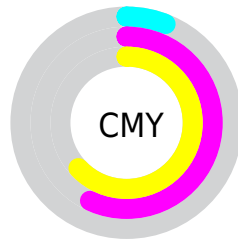
- Red (94%)
- Green (43%)
- Blue (37%)



- Red (94%)
- Yellow (44%)
- Blue (37%)



- Cyan (0%)
- Magenta (54%)
- Yellow (60%)
- Black (6%)



- Cyan (6%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5767, 30.5033, 14.4175 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 43.5767, 30.5033, 14.4175 by changing the saturation by 10% instead.


 43.5767, 30.5033,
14.4175


 43.5767, 30.5033,
14.4175


351.8595,
304.2435, 231.3309


 30.5343, 20.2209,
8.2696


 79.8307, 60.4572,
34.5557


 20.3946, 12.5557,
4.1777


 103.7731, 80.8975,
49.3831

 12.7921, 7.1233,
1.7233

 132.0795,
105.4926, 67.9407

 7.3616, 3.5394,
0.3766

 165.1153,
134.6269, 90.6470

 3.7376, 1.4194,
0.0000

203.2458,
168.6847, 117.9207

 1.5548, 0.2309,
0.0000

246.8365,

 0.3626, 0.0000,

208.0505, 150.1802

0.0000

296.2526,
253.1086, 187.8441

■ 0.0000, 0.0000,
0.0000

■ 43.5767, 30.5033,
14.4175

■ 43.5767, 30.5033,
14.4175

■ 40.6026, 26.0406,
8.8478

■ 47.4517, 36.2308,
21.9454

■ 38.4539, 22.7418,
5.0523

■ 52.2908, 43.3039,
31.5895

■ 37.0457, 20.4991,
2.8149

■ 58.1539, 51.8027,
43.4936

■ 36.2792, 19.2136,
1.7965

■ 65.0953, 61.7992,
57.7884

■ 73.1657, 73.3611,
74.5945

■ 82.4123, 86.5514,
94.0246

■ 89.7451, 97.2652,
108.6517

Harmonies

Analogous

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



46.9798, 30.5033, 30.4592



43.5767, 30.5033, 14.4175



36.2619, 30.5033, 7.4592

Triad

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



43.5767, 30.5033, 14.4175



17.3773, 30.5033, 17.4182



29.9932, 30.5033, 98.4313

Complementary

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



43.5767, 30.5033, 14.4175



47.3709, 62.5710, 92.0185

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.



22.7659, 30.5033, 89.6123



43.5767, 30.5033, 14.4175



16.3058, 30.5033, 36.1278

Square

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



43.5767, 30.5033, 14.4175



21.3383, 30.5033, 8.5558



18.0902, 30.5033, 63.7588



38.2879, 30.5033, 84.2320

Rectangle

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



43.5767, 30.5033, 14.4175



30.6865, 30.5033, 5.9996



18.0902, 30.5033, 63.7588



27.3619, 30.5033, 98.0839

Sweetspot

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



43.5774, 30.5050, 14.4180



76.7697, 73.8858, 70.6017



53.6863, 32.1734, 74.9727



15.8869, 15.0323, 13.9817



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.



43.5774, 30.5050, 14.4180



46.0803, 29.1003, 9.2170



54.7287, 52.8075, 18.1351



15.9044, 16.0220, 16.4040



19.9044, 10.6068, 0.9982



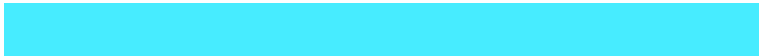
1.6995, 0.9697, 0.0976

Inverse Universe

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



47.3709, 62.5710, 92.0185



50.6730, 68.5648, 105.1713



31.8389, 31.5069, 86.8411



16.0995, 17.6330, 20.2766



21.9927, 30.2096, 49.7998



1.8695, 2.5929, 4.1562

Previews

White Background



This preview shows how the XYZ color 43.5767, 30.5033, 14.4175 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 43.5767, 30.5033, 14.4175 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5767, 30.5033, 14.4175

Background



This preview shows how black text looks on a background with the XYZ color 43.5767, 30.5033, 14.4175.



This preview shows how white text looks on a background with the XYZ color 43.5767, 30.5033,

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

43.5767, 30.5033, 14.4175

Protanopia

28.4735, 30.5375, 19.4325

Deuteranopia

31.3049, 30.7351, 13.7337



Tritanopia

44.5706, 30.4311, 19.4442

Trichromacy



Original Color

43.5767, 30.5033, 14.4175

Protanomaly

32.4490, 29.2950, 17.3089

Deuteranomaly

35.0414, 30.0952, 13.8596

Tritanomaly

44.2920, 30.4874, 17.4601

Monochromacy



Original Color

43.5767, 30.5033, 14.4175

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

31.4774, 28.4325, 24.2510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5767, 30.5033, 14.4175 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(240, 110, 95)` looks like.

```
.text, #text, p{  
    color:rgb(240, 110, 95)  
}
```

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(240, 110, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 110, 95) }
```

Border

The CSS property to change the border of an element to XYZ 43.5767, 30.5033, 14.4175 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(240, 110, 95) }
```


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

```
.border{ border-color:rgb(240, 110, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 110, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 110, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 110, 95);  
box-shadow:4px 4px 4px 4px rgb(240, 110,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5767, 30.5033, 14.4175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 110, 95) }
```

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

```
.background{ background-color: rgb(240,  
110, 95) }
```

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