

Converting Colors

XYZ(39.0891, 27.4161, 14.0131)

Have a look what the booklet for
XYZ(39.0891, 27.4161, 14.0131)
contains.

| | |
|--|----|
| XYZ(39.1120, 27.4234, 14.0583) | 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(39.1120, 27.4234,
14.0583)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E4695F |
| RGB | 228, 105, 95 |
| RGB Percent | 89%, 41%, 37% |
| CMY | 0.1059, 0.5882, 0.6274 |
| CMYK | 0.00, 0.54, 0.58, 0.11 |
| HSL | 5°, 71%, 63% |
| HSV | 5°, 58%, 89% |
| XYZ | 39.1120, 27.4234, 14.0583 |
| YIQ | 140.6370, 76.5180, 22.9660 |

Conversions

Conversions Part 2

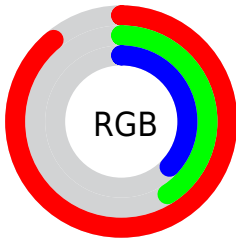
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 228, 106, 95 |
| Decimal | 14969183 |
| CIE _{Lab} | 59.36, 47.06, 28.85 |
| CIE _{LCh} | 59, 55.197, 31.516 |
| Yxy | 27.4234, 0.4853, 0.3403 |
| Android (android.graphics.Color) | 4293159263 (0xFFE4695F) |
| YUV | 140.6370, -22.4990, 76.6174 |
| Hunter-Lab | 52.3674, 41.6748, 20.7404 |

Details

The XYZ color **39.1120, 27.4234, 14.0583** 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 **43.7923, 58.1731, 82.3187**, and the grayscale version is **25.2406, 26.5551, 28.9185**.

A 20% lighter version of the original color is **58.8264, 48.1316, 33.3840**, and **17.7187, 10.8932, 4.0745** is the 20% darker color. If you saturate the color by 10%, you get **36.3353, 23.2932, 8.7463**, and if you desaturate by 10%, it is **42.7255, 32.7425, 21.1456**.

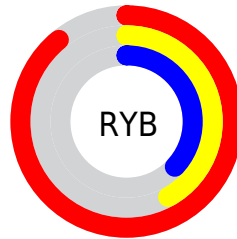
Distribution



Red (89%)

Green (41%)

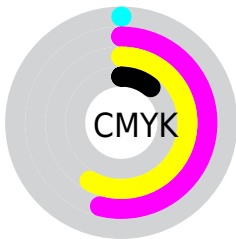
Blue (37%)



Red (89%)

Yellow (42%)

Blue (37%)

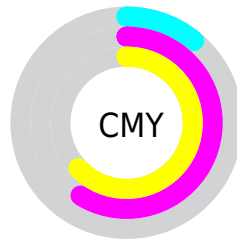


Cyan (0%)

Magenta (54%)

Yellow (58%)

Black (11%)



Cyan (11%)


Magenta (59%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1120, 27.4234, 14.0583 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 39.1120, 27.4234, 14.0583 by changing the saturation by 10% instead.


 39.1120, 27.4234,
14.0583


 39.1120, 27.4234,
14.0583


333.5654,
289.7013, 229.0342


 27.0280, 17.8915,
8.0220


 73.1024, 55.5625,
33.9111

 17.7309, 10.8721,
4.0211


 95.7394, 74.9385,
48.5646

 10.8555, 5.9809,
1.6369


 122.6249, 98.3647,
66.9276

 6.0363, 2.8335,
0.3170

 154.1241,
126.2254, 89.4187

 2.9081, 1.0454,
0.0000

190.6023,
158.9050, 116.4564

 1.1053, 0.0000,
0.0000

232.4251,

 0.0296, 0.0000,

196.7879, 148.4592

0.0000

279.9577,
240.2586, 185.8456

■ 0.0000, 0.0000,
0.0000

■ 39.1120, 27.4234,
14.0583

■ 39.1120, 27.4234,
14.0583

■ 36.3353, 23.2932,
8.7463

■ 42.7255, 32.7425,
21.1456

■ 34.3262, 20.2562,
5.0510

■ 47.2340, 39.3276,
30.1453

■ 33.0072, 18.2097,
2.7880

■ 52.6924, 47.2544,
41.1827

■ 32.2776, 17.0265,
1.6944

■ 59.1510, 56.5917,
54.3720

■ 32.1975, 16.8996,
1.5649

■ 66.6563, 67.4032,
69.8189

■ 75.2520, 79.7490,
87.6224

■ 84.9792, 93.6857,
107.8751

■ 85.8047, 95.2339,
108.4673

Harmonies

Analogous

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



41.7310, 27.4234, 28.8642



39.1120, 27.4234, 14.0583



32.9292, 27.4234, 7.3471

Triad

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



39.1120, 27.4234, 14.0583



16.0441, 27.4234, 15.1399



26.4181, 27.4234, 86.3377

Complementary

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



39.1120, 27.4234, 14.0583



43.7923, 58.1731, 82.3187

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.



20.2281, 27.4234, 77.3472



39.1120, 27.4234, 14.0583



14.9114, 27.4234, 30.8772

Square

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



39.1120, 27.4234, 14.0583



19.7184, 27.4234, 7.7494



16.2997, 27.4234, 54.4942



33.6457, 27.4234, 75.4643

Rectangle

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



39.1120, 27.4234, 14.0583



28.0750, 27.4234, 5.8216



16.2997, 27.4234, 54.4942



24.1535, 27.4234, 85.5221

Sweetspot

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



39.1127, 27.4249, 14.0588



77.3575, 74.5518, 72.3689



48.8906, 29.7999, 70.2846



16.1675, 15.3941, 14.6896



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.



39.1127, 27.4249, 14.0588



46.2123, 29.0894, 10.1081



48.5038, 46.2072, 17.1892



14.4637, 14.5412, 14.9489



18.6245, 9.8232, 0.9144



1.4069, 0.7871, 0.0778

Inverse Universe

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



43.7923, 58.1731, 82.3187



52.6945, 72.0252, 105.7327



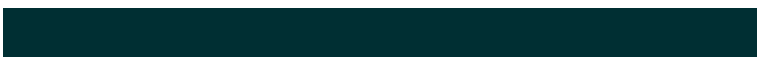
30.0542, 30.6970, 77.7393



14.7098, 16.1410, 18.4846



21.5538, 30.1698, 47.0705



1.6206, 2.2851, 3.4876

Previews

White Background



This preview shows how the XYZ color 39.1120, 27.4234, 14.0583 looks on a white background.

Color Contrast Check

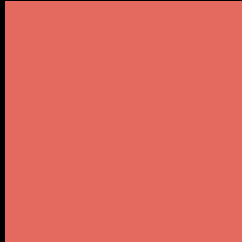
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1120, 27.4234, 14.0583 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 39.1120, 27.4234, 14.0583

Background



This preview shows how black text looks on a background with the XYZ color 39.1120, 27.4234, 14.0583.



This preview shows how white text looks on a background with the XYZ color 39.1120, 27.4234,

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

39.1120, 27.4234, 14.0583

Protanopia

25.8286, 27.5649, 18.9982

Deuteranopia

27.9824, 27.4968, 13.2838



Tritanopia

39.9778, 27.4843, 17.9498

Trichromacy



Original Color

39.1120, 27.4234, 14.0583

Protanomaly

29.2224, 26.4237, 16.9247

Deuteranomaly

31.2143, 26.7600, 13.4176

Tritanomaly

39.8132, 27.5786, 16.5894

Monochromacy



Original Color

39.1120, 27.4234, 14.0583

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

28.5908, 25.7778, 22.5375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1120, 27.4234, 14.0583 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(228, 105, 95)` looks like.

```
.text, #text, p{  
  color:rgb(228, 105, 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(228, 105, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 105, 95) }
```

Border

The CSS property to change the border of an element to XYZ 39.1120, 27.4234, 14.0583 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(228, 105, 95) }
```


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

```
.border{ border-color:rgb(228, 105, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 105, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 105, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 105, 95);  
box-shadow:4px 4px 4px 4px rgb(228, 105,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1120, 27.4234, 14.0583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 105, 95) }
```

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

```
.background{ background-color: rgb(228,  
105, 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