

Converting Colors

XYZ(39.5151, 28.0822, 14.6470)

Have a look what the booklet for
XYZ(39.5151, 28.0822, 14.6470)
contains.

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Color

**XYZ(39.5151, 28.0822,
14.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	E46C61
RGB	228, 108, 97
RGB Percent	89%, 42%, 38%
CMY	0.1059, 0.5764, 0.6196
CMYK	0.00, 0.53, 0.57, 0.11
HSL	5°, 71%, 64%
HSV	5°, 57%, 89%
XYZ	39.5151, 28.0822, 14.6470
YIQ	142.6260, 75.0510, 22.0190

Conversions

Conversions Part 2

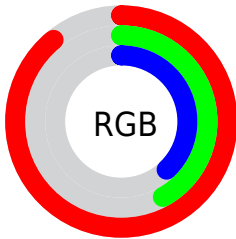
Format	Color
R_{YB}	228, 109, 97
Decimal	14969953
CIE _{Lab}	59.96, 45.75, 28.49
CIE _{LCh}	60, 53.896, 31.916
Yxy	28.0822, 0.4805, 0.3414
Android (android.graphics.Color)	4293160033 (0xFFE46C61)
YUV	142.6260, -22.4936, 74.8730
Hunter-Lab	52.9926, 40.3652, 20.7073

Details

The XYZ color **39.5151, 28.0822, 14.6470** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **43.7443, 57.7647, 82.2424**, and the grayscale version is **26.0261, 27.3815, 29.8185**.

A 20% lighter version of the original color is **59.5056, 49.2388, 34.3847**, and **17.8783, 11.1782, 4.2329** is the 20% darker color. If you saturate the color by 10%, you get **36.6557, 23.8274, 9.1813**, and if you desaturate by 10%, it is **43.2088, 33.5172, 21.8981**.

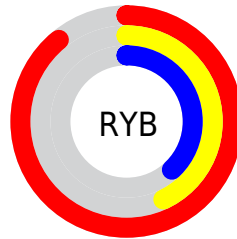
Distribution



Red (89%)

Green (42%)

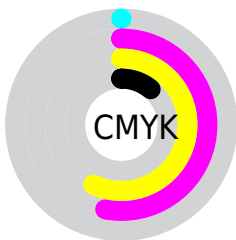
Blue (38%)



Red (89%)

Yellow (43%)

Blue (38%)

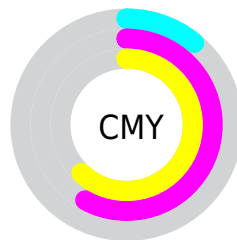


Cyan (0%)

Magenta (53%)

Yellow (57%)

Black (11%)



Cyan (11%)


Magenta (58%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5151, 28.0822, 14.6470 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 39.5151, 28.0822, 14.6470 by changing the saturation by 10% instead.


 39.5151, 28.0822,
14.6470


 39.5151, 28.0822,
14.6470

335.2451,
292.8595, 232.7862


 27.3432, 18.3876,
8.4282


 73.7136, 56.6157,
34.9662

 17.9691, 11.2286,
4.2784


 96.4709, 76.2233,
49.9037

 11.0273, 6.2208,
1.7793


 123.4874, 99.9042,
68.5844

 6.1527, 2.9798,
0.4143

 155.1285,
128.0425, 91.4270

 2.9797, 1.1212,
0.0000

191.7594,
161.0229, 118.8499

 1.1430, 0.0000,
0.0000

233.7456,

 0.0607, 0.0000,

199.2295, 151.2717

0.0000

281.4524,
243.0469, 189.1110

■ 0.0000, 0.0000,
0.0000

■ 39.5151, 28.0822,
14.6470

■ 39.5151, 28.0822,
14.6470

■ 36.6557, 23.8274,
9.1813

■ 43.2088, 33.5172,
21.8981

■ 34.5633, 20.6609,
5.3448

■ 47.7931, 40.2063,
31.0700

■ 33.1635, 18.4846,
2.9567

■ 53.3216, 48.2228,
42.2864

■ 32.3629, 17.1794,
1.7768

■ 59.8433, 57.6330,
55.6607

■ 32.2302, 16.9649,
1.5758

■ 67.4035, 68.4987,
71.2975

■ 76.0450, 80.8782,
89.2948

■ 85.5492, 94.7228,
108.3822

■ 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.



42.1504, 28.0822, 29.3317



39.5151, 28.0822, 14.6470



33.3893, 28.0822, 7.9011

Triad

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



39.5151, 28.0822, 14.6470



16.6697, 28.0822, 16.0267



27.1345, 28.0822, 85.9469

Complementary

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



39.5151, 28.0822, 14.6470



43.7443, 57.7647, 82.2424

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.



20.9548, 28.0822, 77.4346



39.5151, 28.0822, 14.6470



15.5665, 28.0822, 31.8565

Square

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



39.5151, 28.0822, 14.6470



20.3118, 28.0822, 8.4244



16.9938, 28.0822, 55.1899



34.2835, 28.0822, 75.1129

Rectangle

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



39.5151, 28.0822, 14.6470



28.5879, 28.0822, 6.3625



16.9938, 28.0822, 55.1899



24.8804, 28.0822, 85.2439

Sweetspot

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



39.5158, 28.0837, 14.6475



77.4545, 74.7457, 72.4012



48.8046, 30.0575, 68.9315



16.1900, 15.4392, 14.6971



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.



39.5158, 28.0837, 14.6475



46.6410, 29.8011, 10.7006



49.1760, 47.4041, 17.8676



14.4738, 14.5616, 14.9523



18.6458, 9.8658, 0.9215



1.4118, 0.7968, 0.0794

Inverse Universe

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



43.7443, 57.7647, 82.2424



52.5024, 71.3320, 105.6090



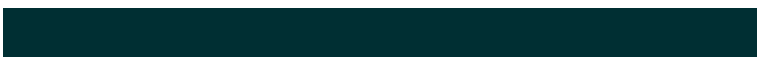
30.0941, 30.4644, 77.6924



14.6984, 16.1183, 18.4808



21.2727, 29.6075, 46.9768



1.6027, 2.2493, 3.4817

Previews

White Background



This preview shows how the XYZ color 39.5151, 28.0822, 14.6470 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 39.5151, 28.0822, 14.6470 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 39.5151, 28.0822, 14.6470

Background



This preview shows how black text looks on a background with the XYZ color 39.5151, 28.0822, 14.6470.



This preview shows how white text looks on a background with the XYZ color 39.5151, 28.0822,

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

39.5151, 28.0822, 14.6470

Protanopia

26.6236, 28.4116, 19.7036

Deuteranopia

28.6994, 28.0636, 14.0294



Tritanopia

40.4478, 28.1583, 18.9261

Trichromacy



Original Color

39.5151, 28.0822, 14.6470

Protanomaly

30.1965, 27.5091, 17.6282

Deuteranomaly

31.8579, 27.4562, 14.2102

Tritanomaly

40.2246, 28.2349, 17.2397

Monochromacy



Original Color

39.5151, 28.0822, 14.6470

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

29.2041, 26.4703, 23.3087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5151, 28.0822, 14.6470 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, 108, 97)` looks like.

```
.text, #text, p{  
    color:rgb(228, 108, 97)  
}
```

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, 108, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 108, 97) }
```

Border

The CSS property to change the border of an element to XYZ 39.5151, 28.0822, 14.6470 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, 108, 97) }
```


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

```
.border{ border-color:rgb(228, 108, 97) }
```

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

Here you see how a box with a 4 pixel rgb(228, 108, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 108, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 108, 97);  
box-shadow:4px 4px 4px 4px rgb(228, 108,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5151, 28.0822, 14.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 108, 97) }
```

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

```
.background{ background-color: rgb(228,  
108, 97) }
```

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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