

Converting Colors

XYZ(41.0998, 31.8133, 16.4189)

Have a look what the booklet for
XYZ(41.0998, 31.8133, 16.4189)
contains.

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Color

**XYZ(41.0959, 31.7953,
16.5415)**

Conversions

Conversions Part 1

Format	Color
Hex	E27D66
RGB	226, 125, 102
RGB Percent	89%, 49%, 40%
CMY	0.1137, 0.5098, 0.6000
CMYK	0.00, 0.45, 0.55, 0.11
HSL	11°, 68%, 64%
HSV	11°, 55%, 89%
XYZ	41.0959, 31.7953, 16.5415
YIQ	152.5770, 67.5790, 14.2590

Conversions

Conversions Part 2

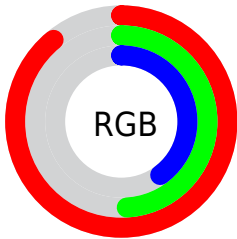
Format	Color
R _Y B	226, 130, 102
Decimal	14843238
CIE Lab	63.17, 36.82, 29.79
CIE LCh	63, 47.362, 38.973
Yxy	31.7953, 0.4595, 0.3555
Android (android.graphics.Color)	4293033318 (0xFFE27D66)
YUV	152.5770, -24.9345, 64.3920
Hunter-Lab	56.3873, 31.4156, 22.0781

Details

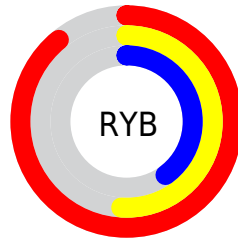
The XYZ color **41.0959, 31.7953, 16.5415** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **40.5615, 51.0248, 79.6621**, and the grayscale version is **30.1796, 31.7513, 34.5772**.

A 20% lighter version of the original color is **63.1099, 55.8001, 37.5812**, and **18.8643, 13.2804, 5.1835** is the 20% darker color. If you saturate the color by 10%, you get **38.0059, 27.1712, 10.7154**, and if you desaturate by 10%, it is **44.9248, 37.4085, 24.1215**.

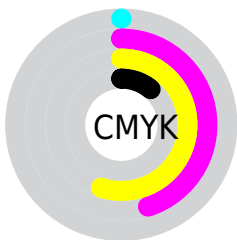
Distribution



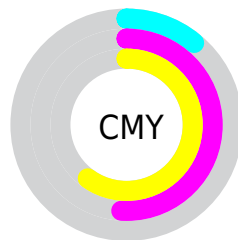
- Red (89%)
- Green (49%)
- Blue (40%)



- Red (89%)
- Yellow (51%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (55%)
- Black (11%)





- Cyan (11%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0959, 31.7953, 16.5415 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 41.0959, 31.7953, 16.5415 by changing the saturation by 10% instead.


 41.0959, 31.7953,
16.5415


 41.0959, 31.7953,
16.5415


341.7770,
310.1857, 244.4700

 28.5820, 21.2052,
9.7496


 76.1032, 62.4900,
38.3155


 18.9075, 13.2741,
5.1299


 99.3274, 83.3635,
54.1348

 11.7071, 7.6175,
2.2636


 126.8524,
108.4335, 73.8003

 6.6153, 3.8512,
0.7107

 159.0436,
138.0844, 97.7306

 3.2669, 1.5907,
0.0000

196.2663,
172.7007, 126.3441

 1.2964, 0.3513,
0.0000

238.8858,

 0.1805, 0.0000,

212.6668, 160.0595

0.0000

287.2676,
258.3670, 199.2953

■ 0.0000, 0.0000,
0.0000

■ 41.0959, 31.7953,
16.5415

■ 41.0959, 31.7953,
16.5415

■ 38.0059, 27.1712,
10.7154

■ 44.9248, 37.4085,
24.1215

■ 35.6030, 23.4733,
6.4993

■ 49.5349, 44.0591,
33.5801

■ 33.8323, 20.6389,
3.7292

■ 54.9680, 51.7979,
45.0325

■ 32.6283, 18.5952,
2.2047

■ 61.2622, 60.6711,
58.5843

■ 32.1893, 17.8196,
1.7430

■ 68.4533, 70.7221,
74.3335

■ 76.5748, 81.9921,
92.3720

■ 84.8098, 94.1805,
108.3165

■ 85.1739, 94.9087,
108.4378

Harmonies

Analogous

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



44.4304, 31.7953, 29.2980



41.0959, 31.7953, 16.5415



34.9637, 31.7953, 10.7014

Triad

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



41.0959, 31.7953, 16.5415



19.9317, 31.7953, 23.2329



32.2257, 31.7953, 83.8054

Complementary

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



41.0959, 31.7953, 16.5415



40.5615, 51.0248, 79.6621

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.



25.9269, 31.7953, 80.3238



41.0959, 31.7953, 16.5415



19.4180, 31.7953, 40.5496

Square

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



41.0959, 31.7953, 16.5415



22.9775, 31.7953, 13.4820



21.4559, 31.7953, 62.5895



38.8450, 31.7953, 70.8709

Rectangle

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



41.0959, 31.7953, 16.5415



30.4466, 31.7953, 9.6440



21.4559, 31.7953, 62.5895



29.9955, 31.7953, 84.5925

Sweetspot

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



41.0967, 31.7969, 16.5421



79.4633, 78.2456, 74.6671



46.9266, 29.9962, 59.9831



16.6274, 16.2119, 15.1573



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.



41.0967, 31.7969, 16.5421



49.4177, 34.8824, 13.0811



51.4760, 52.5556, 20.0019



13.9119, 14.1098, 14.2970



18.4272, 10.2923, 1.0154



1.3378, 0.8345, 0.0906

Inverse Universe

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



40.5615, 51.0248, 79.6621



48.5478, 62.4223, 104.0977



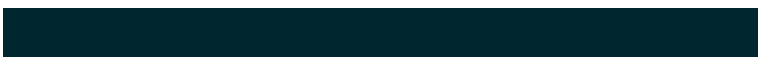
28.7714, 27.4445, 75.7320



13.8891, 15.1173, 17.5736



17.6999, 22.8695, 44.5297



1.2836, 1.6986, 3.1055

Previews

White Background



This preview shows how the XYZ color 41.0959, 31.7953, 16.5415 looks on a white background.

Color Contrast Check

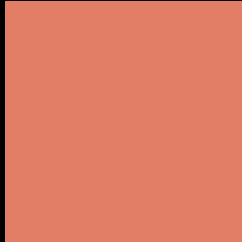
Large Text (above 18pt) WCAG AA × Fail

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 41.0959, 31.7953, 16.5415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

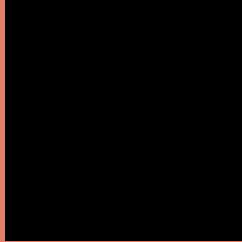
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0959, 31.7953, 16.5415

Background



This preview shows how black text looks on a background with the XYZ color 41.0959, 31.7953, 16.5415.



This preview shows how white text looks on a background with the XYZ color 41.0959, 31.7953,

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

41.0959, 31.7953, 16.5415

Protanopia

29.7383, 31.8899, 20.5076

Deuteranopia

32.6459, 32.0636, 16.0235



Tritanopia

42.8615, 31.7804, 24.9943

Trichromacy



Original Color

41.0959, 31.7953, 16.5415

Protanomaly

33.1305, 31.3355, 19.0540

Deuteranomaly

35.3042, 31.6455, 16.0518

Tritanomaly

42.0283, 31.6060, 21.6547

Monochromacy



Original Color

41.0959, 31.7953, 16.5415

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.9479, 31.0695, 26.8147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0959, 31.7953, 16.5415 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(226, 125, 102)` looks like.

```
.text, #text, p{  
    color:rgb(226, 125, 102)  
}
```

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(226, 125, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 125, 102) }
```

Border

The CSS property to change the border of an element to XYZ 41.0959, 31.7953, 16.5415 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(226, 125, 102) }
```


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

```
.border{ border-color:rgb(226, 125, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 125, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 125, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 125, 102);  
box-shadow:4px 4px 4px 4px rgb(226, 125,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0959, 31.7953, 16.5415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 125, 102) }
```

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

```
.background{ background-color: rgb(226,  
125, 102) }
```

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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