

Converting Colors

XYZ(41.2603, 31.9339, 14.1144)

Have a look what the booklet for
XYZ(41.2603, 31.9339, 14.1144)
contains.

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Color

**XYZ(41.2603, 31.9339,
14.1144)**

Conversions

Conversions Part 1

Format	Color
Hex	E47D5C
RGB	228, 125, 92
RGB Percent	89%, 49%, 36%
CMY	0.1059, 0.5098, 0.6392
CMYK	0.00, 0.45, 0.60, 0.11
HSL	15°, 72%, 63%
HSV	15°, 60%, 89%
XYZ	41.2603, 31.9339, 14.1144
YIQ	152.0350, 71.9810, 11.5730

Conversions

Conversions Part 2

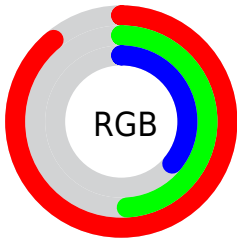
Format	Color
RYB	228, 136, 92
Decimal	14974300
CIELab	63.29, 36.83, 35.48
CIELCh	63, 51.142, 43.934
Yxy	31.9339, 0.4726, 0.3658
Android (android.graphics.Color)	4293164380 (0xFFE47D5C)
YUV	152.0350, -29.5973, 66.6213
Hunter-Lab	56.5101, 31.4374, 24.7483

Details

The XYZ color **41.2603, 31.9339, 14.1144** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **37.9311, 46.9043, 80.4527**, and the grayscale version is **29.9630, 31.5234, 34.3289**.

A 20% lighter version of the original color is **62.3180, 55.4834, 33.4114**, and **19.0709, 13.4119, 4.0662** is the 20% darker color. If you saturate the color by 10%, you get **38.4104, 27.5965, 8.9652**, and if you desaturate by 10%, it is **44.7916, 37.1546, 20.9705**.

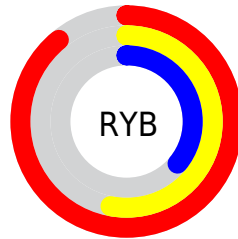
Distribution



Red (89%)

Green (49%)

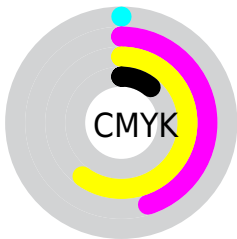
Blue (36%)



Red (89%)

Yellow (53%)

Blue (36%)

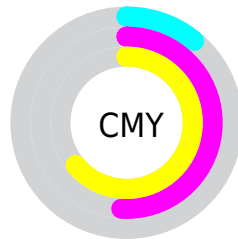


Cyan (0%)

Magenta (45%)

Yellow (60%)

Black (11%)



Cyan (11%)


Magenta (51%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2603, 31.9339, 14.1144 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 41.2603, 31.9339, 14.1144 by changing the saturation by 10% instead.


 41.2603, 31.9339,
14.1144


 41.2603, 31.9339,
14.1144

342.4514,
310.8180, 229.3945

 28.7111, 21.3110,
8.0606


 76.3511, 62.7075,
34.0119

 19.0056, 13.3515,
4.0454


 99.6234, 83.6269,
48.6927

 11.7783, 7.6711,
1.6503


 127.2008,
108.7473, 67.0863

 6.6640, 3.8852,
0.3263

 159.4486,
138.4532, 89.6112

 3.2973, 1.6096,
0.0000

196.7322,
173.1287, 116.6859

 1.3129, 0.3640,
0.0000

239.4170,

 0.1928, 0.0000,

213.1585, 148.7290

0.0000

287.8683,
258.9268, 186.1590

■ 0.0000, 0.0000,
0.0000

■ 41.2603, 31.9339,
14.1144

■ 41.2603, 31.9339,
14.1144

■ 38.4104, 27.5965,
8.9652

■ 44.7916, 37.1546,
20.9705

■ 36.1921, 24.0868,
5.3681

■ 49.0446, 43.2998,
29.6664

■ 34.5517, 21.3505,
3.1426

■ 54.0591, 50.4140,
40.3236

■ 33.4104, 19.3182,
1.9909

■ 59.8711, 58.5374,
53.0528

■ 33.3769, 19.2581,
1.9580

■ 66.5143, 67.7078,
67.9564

■ 74.0204, 77.9610,
85.1298

■ 82.4194, 89.3313,
104.6629

■ 85.8048, 95.2339,
108.4673

Harmonies

Analogous

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



45.5912, 31.9339, 26.1944



41.2603, 31.9339, 14.1144



34.2814, 31.9339, 9.1363

Triad

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



41.2603, 31.9339, 14.1144



19.0509, 31.9339, 25.0506



33.7532, 31.9339, 88.0637

Complementary

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



41.2603, 31.9339, 14.1144



37.9311, 46.9043, 80.4527

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.



26.7353, 31.9339, 87.3675



41.2603, 31.9339, 14.1144



18.9549, 31.9339, 45.0400

Square

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



41.2603, 31.9339, 14.1144



21.8456, 31.9339, 13.5591



21.5590, 31.9339, 69.4832



40.8221, 31.9339, 71.1244

Rectangle

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



41.2603, 31.9339, 14.1144



29.4268, 31.9339, 8.5613



21.5590, 31.9339, 69.4832



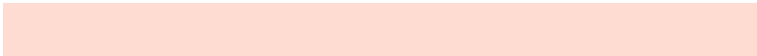
31.2968, 31.9339, 90.0412

Sweetspot

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



41.2611, 31.9356, 14.1150



78.4171, 77.1806, 71.1509



45.8162, 28.1461, 55.4018



16.2814, 15.8212, 14.1132



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.



41.2611, 31.9356, 14.1150



48.6308, 34.2012, 10.0671



52.7177, 54.8489, 17.9339



14.6596, 14.9331, 15.0142



19.3506, 11.2754, 1.1565



1.5013, 0.9760, 0.1093

Inverse Universe

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



37.9311, 46.9043, 80.4527



43.8339, 54.8865, 102.8916



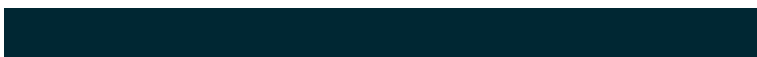
26.1714, 23.3850, 76.5329



14.4956, 15.7126, 18.4132



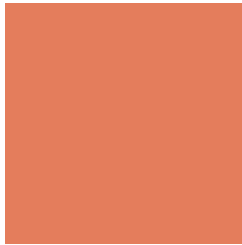
16.7753, 20.6126, 45.4777



1.3107, 1.6654, 3.3843

Previews

White Background



This preview shows how the XYZ color 41.2603, 31.9339, 14.1144 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 41.2603, 31.9339, 14.1144 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 41.2603, 31.9339, 14.1144

Background



This preview shows how black text looks on a background with the XYZ color 41.2603, 31.9339, 14.1144.



This preview shows how white text looks on a background with the XYZ color 41.2603, 31.9339,

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

41.2603, 31.9339, 14.1144

Protanopia

29.9401, 32.3060, 17.4896

Deuteranopia

32.6887, 32.1368, 13.7127



Tritanopia

43.3120, 31.8409, 24.6320

Trichromacy



Original Color

41.2603, 31.9339, 14.1144

Protanomaly

33.0609, 31.3646, 16.1159

Deuteranomaly

35.3929, 31.7431, 13.7128

Tritanomaly

42.4250, 31.8380, 20.4323

Monochromacy



Original Color

41.2603, 31.9339, 14.1144

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.5247, 30.6610, 25.3230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2603, 31.9339, 14.1144 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, 125, 92)` looks like.

```
.text, #text, p{  
    color:rgb(228, 125, 92)  
}
```

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, 125, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 125, 92) }
```

Border

The CSS property to change the border of an element to XYZ 41.2603, 31.9339, 14.1144 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, 125, 92) }
```


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

```
.border{ border-color:rgb(228, 125, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 125, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 125, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 125, 92);  
box-shadow:4px 4px 4px 4px rgb(228, 125,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2603, 31.9339, 14.1144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 125, 92) }
```

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

```
.background{ background-color: rgb(228,  
125, 92) }
```

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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