

Converting Colors

XYZ(41.2798, 32.5835, 13.4415)

Have a look what the booklet for
XYZ(41.2798, 32.5835, 13.4415)
contains.

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Color

**XYZ(41.1592, 32.4738,
13.3313)**

Conversions

Conversions Part 1

Format	Color
Hex	E38058
RGB	227, 128, 88
RGB Percent	89%, 50%, 35%
CMY	0.1098, 0.4980, 0.6549
CMYK	0.00, 0.44, 0.61, 0.11
HSL	17°, 71%, 62%
HSV	17°, 61%, 89%
XYZ	41.1592, 32.4738, 13.3313
YIQ	153.0410, 71.8440, 8.5480

Conversions

Conversions Part 2

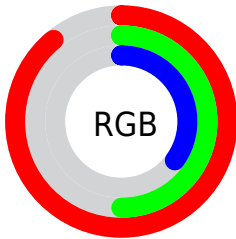
Format	Color
R _Y B	227, 144, 88
Decimal	14909528
CIE Lab	63.73, 34.60, 38.16
CIE LCh	64, 51.512, 47.796
Yxy	32.4738, 0.4733, 0.3734
Android (android.graphics.Color)	4293099608 (0xFFE38058)
YUV	153.0410, -32.0652, 64.8620
Hunter-Lab	56.9858, 29.2003, 26.0197

Details

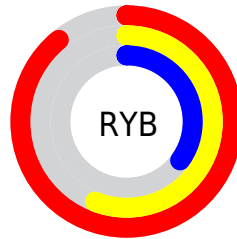
The XYZ color **41.1592, 32.4738, 13.3313** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **35.6589, 43.1592, 79.1239**, and the grayscale version is **30.4103, 31.9940, 34.8414**.

A 20% lighter version of the original color is **62.6281, 56.5800, 32.0463**, and **18.9905, 13.6833, 3.7381** is the 20% darker color. If you saturate the color by 10%, you get **38.4178, 28.2690, 8.4786**, and if you desaturate by 10%, it is **44.5308, 37.4710, 19.8385**.

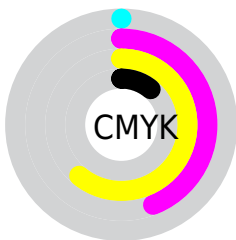
Distribution



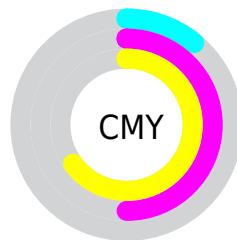
- Red (89%)
- Green (50%)
- Blue (35%)



- Red (89%)
- Yellow (56%)
- Blue (35%)



- Cyan (0%)
- Magenta (44%)
- Yellow (61%)
- Black (11%)





- Cyan (11%)
- Magenta (50%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1592, 32.4738, 13.3313 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 41.1592, 32.4738, 13.3313 by changing the saturation by 10% instead.


 41.1592, 32.4738,
13.3313


 41.1592, 32.4738,
13.3313

342.0368,
313.2719, 224.3120

 28.6317, 21.7237,
7.5237


 76.1987, 63.5531,
32.5976

 18.9453, 13.6540,
3.7083


 99.4414, 84.6511,
46.8933


 11.7345, 7.8804,
1.4667


 126.9866,
109.9671, 64.8555

 6.6341, 4.0185,
0.1930

 159.1996,
139.8856, 86.9027

 3.2786, 1.6839,
0.0000

 196.4457,
174.7909, 113.4534

 1.3028, 0.4132,
0.0000

239.0904,

 0.1853, 0.0000,

215.0675, 144.9261

0.0000

287.4990,
261.0997, 181.7395

■ 0.0000, 0.0000,
0.0000

■ 41.1592, 32.4738,
13.3313

■ 41.1592, 32.4738,
13.3313

■ 38.4178, 28.2690,
8.4786

■ 44.5308, 37.4710,
19.8385

■ 36.2603, 24.8086,
5.1248

■ 48.5697, 43.2950,
28.1329

■ 34.6365, 22.0463,
3.0871

■ 53.3126, 49.9843,
38.3356

■ 33.5879, 20.1497,
2.1190

■ 58.7929, 57.5731,
50.5566

■ 65.0414, 66.0940,
64.8974

■ 72.0873, 75.5776,
81.4528

■ 79.9583, 86.0534,
100.3116

■ 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



46.0559, 32.4738, 24.5484



41.1592, 32.4738, 13.3313



33.8933, 32.4738, 9.0001

Triad

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



41.1592, 32.4738, 13.3313



19.1903, 32.4738, 27.6039



35.3044, 32.4738, 88.3139

Complementary

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



41.1592, 32.4738, 13.3313



35.6589, 43.1592, 79.1239

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.



28.0234, 32.4738, 90.1744



41.1592, 32.4738, 13.3313



19.4467, 32.4738, 48.9509

Square

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



41.1592, 32.4738, 13.3313



21.6837, 32.4738, 14.8141



22.4491, 32.4738, 73.7313



42.3300, 32.4738, 69.3459

Rectangle

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



41.1592, 32.4738, 13.3313



29.0208, 32.4738, 8.7886



22.4491, 32.4738, 73.7313



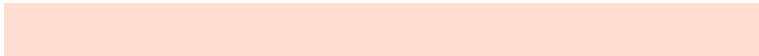
32.7865, 32.4738, 91.1690

Sweetspot

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



41.1600, 32.4755, 13.3319



78.9648, 78.2760, 71.3334



44.2041, 26.9249, 50.2279



16.4132, 16.0848, 14.1571



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.



41.1600, 32.4755, 13.3319



49.3215, 35.7117, 9.8994



53.3797, 56.9150, 17.4051



14.7132, 15.0402, 15.0320



19.6753, 11.9247, 1.2647



1.5316, 1.0364, 0.1193

Inverse Universe

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



35.6589, 43.1592, 79.1239



41.4793, 50.4511, 102.1596



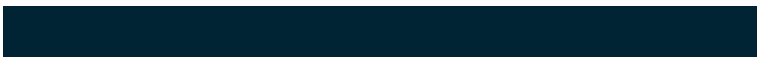
24.3820, 20.6054, 75.3649



14.4386, 15.5987, 18.3942



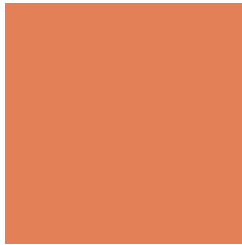
15.6918, 18.4458, 45.1165



1.2382, 1.5203, 3.3602

Previews

White Background



This preview shows how the XYZ color 41.1592, 32.4738, 13.3313 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 41.1592, 32.4738, 13.3313 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 41.1592, 32.4738, 13.3313

Background



This preview shows how black text looks on a background with the XYZ color 41.1592, 32.4738, 13.3313.



This preview shows how white text looks on a background with the XYZ color 41.1592, 32.4738,

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

41.1592, 32.4738, 13.3313

Protanopia

30.2881, 32.7595, 16.2821

Deuteranopia

33.1764, 32.6387, 12.9388



Tritanopia

43.6894, 32.3808, 25.4202

Trichromacy



Original Color

41.1592, 32.4738, 13.3313

Protanomaly

33.3810, 32.0061, 15.0081

Deuteranomaly

35.7932, 32.4021, 12.9621

Tritanomaly

42.6153, 32.3111, 20.2103

Monochromacy



Original Color

41.1592, 32.4738, 13.3313

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.7581, 31.2348, 25.0713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1592, 32.4738, 13.3313 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(227, 128, 88)` looks like.

```
.text, #text, p{  
    color:rgb(227, 128, 88)  
}
```

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(227, 128, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 128, 88) }
```

Border

The CSS property to change the border of an element to XYZ 41.1592, 32.4738, 13.3313 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(227, 128, 88) }
```


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

```
.border{ border-color:rgb(227, 128, 88) }
```

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

Here you see how a box with a 4 pixel rgb(227, 128, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 128, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 128, 88);  
box-shadow:4px 4px 4px 4px rgb(227, 128,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1592, 32.4738, 13.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 128, 88) }
```

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

```
.background{ background-color: rgb(227,  
128, 88) }
```

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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