

Converting Colors

XYZ(43.4819, 32.8879, 29.6586)

Have a look what the booklet for
XYZ(43.4819, 32.8879, 29.6586)
contains.

XYZ(43.3947, 32.8823, 29.6509)	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(43.3947, 32.8823,
29.6509)**

Conversions

Conversions Part 1

Format	Color
Hex	E17E8E
RGB	225, 126, 142
RGB Percent	88%, 49%, 56%
CMY	0.1176, 0.5059, 0.4431
CMYK	0.00, 0.44, 0.37, 0.12
HSL	350°, 62%, 69%
HSV	350°, 44%, 88%
XYZ	43.3947, 32.8823, 29.6509
YIQ	157.4250, 53.8680, 25.9640

Conversions

Conversions Part 2

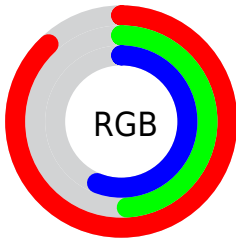
Format	Color
R _Y B	225, 126, 142
Decimal	14777998
CIE _{Lab}	64.07, 39.90, 8.41
CIE _{LCh}	64, 40.774, 11.901
Y _{xy}	32.8823, 0.4097, 0.3104
Android (android.graphics.Color)	4292968078 (0xFFE17E8E)
Y _{UV}	157.4250, -7.6045, 59.2633
Hunter-Lab	57.3431, 34.7305, 9.4826

Details

The XYZ color **43.3947, 32.8823, 29.6509** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.0397, 62.8903, 69.9851**, and the grayscale version is **32.2564, 33.9363, 36.9566**.

A 20% lighter version of the original color is **67.5251, 57.8880, 59.8391**, and **20.3169, 13.8858, 11.7346** is the 20% darker color. If you saturate the color by 10%, you get **39.5358, 27.2426, 21.9582**, and if you desaturate by 10%, it is **48.1420, 39.9151, 38.8231**.

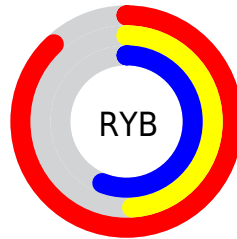
Distribution



Red (88%)

Green (49%)

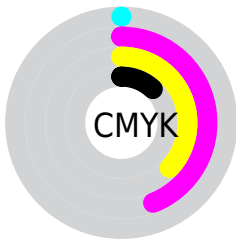
Blue (56%)



Red (88%)

Yellow (49%)

Blue (56%)

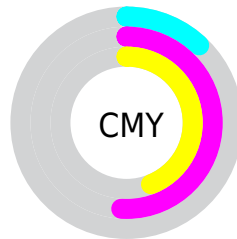


Cyan (0%)

Magenta (44%)

Yellow (37%)

Black (12%)



Cyan (12%)


Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3947, 32.8823, 29.6509 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 43.3947, 32.8823, 29.6509 by changing the saturation by 10% instead.


 43.3947, 32.8823,
29.6509


 43.3947, 32.8823,
29.6509


351.1265,
315.1190, 314.4303


 30.3908, 22.0363,
19.3240


 79.5581, 64.1917,
60.1641

 20.2849, 13.8836,
11.7254


 103.4484, 85.4239,
81.1875

 12.7118, 8.0397,
6.4367


 131.6981,
110.8870, 106.6134

 7.3060, 4.1204,
3.0394

164.6727,
140.9653, 136.8604

 3.7022, 1.7411,
1.1148

202.7375,
176.0433, 172.3471

 1.5351, 0.4501,
0.0000

246.2578,

 0.3495, 0.0000,

216.5053, 213.4919

0.0000

295.5990,
262.7358, 260.7135

■ 0.0000, 0.0000,
0.0000

■ 43.3947, 32.8823,
29.6509

■ 43.3947, 32.8823,
29.6509

■ 39.5358, 27.2426,
21.9582

■ 48.1420, 39.9151,
38.8231

■ 36.5068, 22.8984,
15.6648

■ 53.8262, 48.4201,
49.5451

■ 34.2460, 19.7474,
10.6859

■ 60.4953, 58.4765,
61.8852

■ 32.6819, 17.6695,
6.9265

■ 68.1931, 70.1563,
75.9069

■ 31.7287, 16.5193,
4.2778

■ 76.9611, 83.5270,
91.6702

■ 31.3752, 16.1371,
3.1586

■ 84.8614, 94.7476,
108.4232

Harmonies

Analogous

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



43.0101, 32.8823, 46.5909



43.3947, 32.8823, 29.6509



40.2450, 32.8823, 18.5199

Triad

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



43.3947, 32.8823, 29.6509



24.4238, 32.8823, 17.0007



27.9371, 32.8823, 75.2183

Complementary

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



43.3947, 32.8823, 29.6509



47.0397, 62.8903, 69.9851

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.



23.7123, 32.8823, 61.4459



43.3947, 32.8823, 29.6509



21.8622, 32.8823, 26.8242

Square

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



43.3947, 32.8823, 29.6509



29.0243, 32.8823, 12.8674



21.6189, 32.8823, 42.7527



33.5943, 32.8823, 76.6838

Rectangle

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



43.3947, 32.8823, 29.6509



36.7669, 32.8823, 14.4755



21.6189, 32.8823, 42.7527



26.3211, 32.8823, 71.7153

Sweetspot

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



43.3956, 32.8839, 29.6515



81.2150, 78.9803, 83.7864



47.2058, 33.8423, 75.2784



16.9313, 16.2212, 17.1038



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.



43.3956, 32.8839, 29.6515



52.7974, 36.6005, 29.7496



47.2165, 42.3119, 25.4193



13.7971, 13.7365, 14.7017



18.1080, 9.3102, 1.9683



1.2831, 0.6565, 0.2839

Inverse Universe

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



43.3956, 32.8839, 29.6515



52.7974, 36.6005, 29.7496



41.0459, 47.5726, 78.2533



13.7971, 13.7365, 14.7017



18.1080, 9.3102, 1.9683



1.2831, 0.6565, 0.2839

Previews

White Background



This preview shows how the XYZ color 43.3947, 32.8823, 29.6509 looks on a white background.

Color Contrast Check

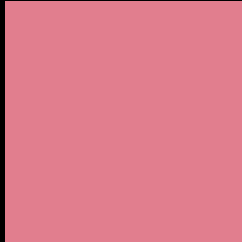
Large Text (above 18pt) WCAG AA × Fail

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 43.3947, 32.8823, 29.6509 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 43.3947, 32.8823, 29.6509

Background



This preview shows how black text looks on a background with the XYZ color 43.3947, 32.8823, 29.6509.



This preview shows how white text looks on a background with the XYZ color 43.3947, 32.8823,

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

43.3947, 32.8823, 29.6509

Protanopia

31.9935, 33.1804, 37.0660

Deuteranopia

33.6253, 32.9948, 28.6411



Tritanopia

43.0846, 32.9639, 27.3844

Trichromacy



Original Color

43.3947, 32.8823, 29.6509

Protanomaly

34.9322, 32.1586, 34.0719

Deuteranomaly

36.4332, 32.3832, 28.7564

Tritanomaly

43.2282, 33.0213, 28.1401

Monochromacy



Original Color

43.3947, 32.8823, 29.6509

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

35.2378, 32.7699, 34.1737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3947, 32.8823, 29.6509 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(225, 126, 142)` looks like.

```
.text, #text, p{  
    color:rgb(225, 126, 142)  
}
```

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(225, 126, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 126, 142) }
```

Border

The CSS property to change the border of an element to XYZ 43.3947, 32.8823, 29.6509 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(225, 126, 142) }
```


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

```
.border{ border-color:rgb(225, 126, 142) }
```

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

Here you see how a box with a 4 pixel rgb(225, 126, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 126, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 126, 142);  
box-shadow:4px 4px 4px 4px rgb(225, 126,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3947, 32.8823, 29.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 126, 142) }
```

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

```
.background{ background-color: rgb(225,  
126, 142) }
```

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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