

Converting Colors

XYZ(44.4589, 34.6685, 32.5715)

Have a look what the booklet for
XYZ(44.4589, 34.6685, 32.5715)
contains.

XYZ(44.4733, 34.7605, 32.3824)	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(44.4733, 34.7605,
32.3824)**

Conversions

Conversions Part 1

Format	Color
Hex	E08594
RGB	224, 133, 148
RGB Percent	88%, 52%, 58%
CMY	0.1216, 0.4784, 0.4196
CMYK	0.00, 0.41, 0.34, 0.12
HSL	350°, 59%, 70%
HSV	350°, 41%, 88%
XYZ	44.4733, 34.7605, 32.3824
YIQ	161.9190, 49.4210, 23.9570

Conversions

Conversions Part 2

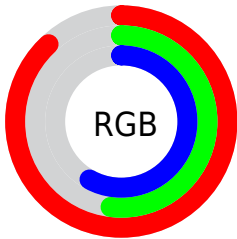
Format	Color
RYB	224, 133, 148
Decimal	14714260
CIELab	65.56, 36.61, 7.12
CIELCh	66, 37.299, 11.011
Yxy	34.7605, 0.3984, 0.3114
Android (android.graphics.Color)	4292904340 (0xFFE08594)
YUV	161.9190, -6.8621, 54.4450
Hunter-Lab	58.9580, 31.4698, 8.7059

Details

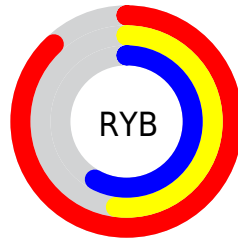
The XYZ color **44.4733, 34.7605, 32.3824** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.8388, 62.9021, 69.9450**, and the grayscale version is **34.3206, 36.1079, 39.3215**.

A 20% lighter version of the original color is **69.6710, 61.0649, 63.9918**, and **20.8260, 14.8549, 13.0789** is the 20% darker color. If you saturate the color by 10%, you get **40.3640, 28.7232, 24.2876**, and if you desaturate by 10%, it is **49.4778, 42.2047, 41.9572**.

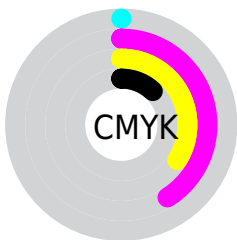
Distribution



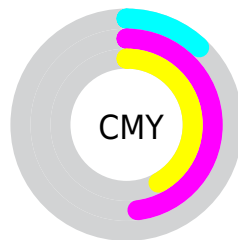
- Red (88%)
- Green (52%)
- Blue (58%)



- Red (88%)
- Yellow (52%)
- Blue (58%)



- Cyan (0%)
- Magenta (41%)
- Yellow (34%)
- Black (12%)





- Cyan (12%)
- Magenta (48%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4733, 34.7605, 32.3824 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 44.4733, 34.7605, 32.3824 by changing the saturation by 10% instead.


 44.4733, 34.7605,
32.3824


 44.4733, 34.7605,
32.3824


355.4559,
323.5099, 327.4038


 31.2423, 23.4784,
21.3865


 81.1714, 67.1146,
64.5149

 20.9361, 14.9472,
13.2128


 105.3692, 88.9554,
86.4887

 13.1895, 8.7823,
7.4428


 133.9533,
115.0846, 112.9588

 7.6371, 4.5995,
3.6579

167.2891,
145.8865, 144.3438

 3.9135, 2.0142,
1.4396

205.7419,
181.7456, 181.0623

 1.6533, 0.6157,
0.1723

249.6770,

 0.4268, 0.0000,

223.0463, 223.5327

0.0000

299.4599,
270.1730, 272.1737

■ 0.0000, 0.0000,
0.0000

■ 44.4733, 34.7605,
32.3824

■ 44.4733, 34.7605,
32.3824

■ 40.3640, 28.7232,
24.2876

■ 49.4778, 42.2047,
41.9572

■ 37.0935, 23.9992,
17.5962

■ 55.4236, 51.1315,
53.0791

■ 34.6037, 20.4916,
12.2280

■ 62.3569, 61.6172,
65.8135

■ 32.8273, 18.0880,
8.0933

■ 70.3202, 73.7313,
80.2214

■ 31.6854, 16.6545,
5.0912

■ 79.3535, 87.5394,
96.3607

■ 31.0730, 15.9803,
3.1898

■ 84.5505, 94.5873,
108.4086

Harmonies

Analogous

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



44.0133, 34.7605, 48.5176



44.4733, 34.7605, 32.3824



41.6260, 34.7605, 21.3257

Triad

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



44.4733, 34.7605, 32.3824



26.6075, 34.7605, 19.3679



29.7339, 34.7605, 74.0654

Complementary

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



44.4733, 34.7605, 32.3824



47.8388, 62.9021, 69.9450

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.



25.7221, 34.7605, 61.2503



44.4733, 34.7605, 32.3824



24.0594, 34.7605, 28.8704

Square

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



44.4733, 34.7605, 32.3824



31.0707, 34.7605, 15.3149



23.7543, 34.7605, 43.8970



35.0884, 34.7605, 75.7748

Rectangle

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



44.4733, 34.7605, 32.3824



38.4017, 34.7605, 17.1441



23.7543, 34.7605, 43.8970



28.2000, 34.7605, 70.7762

Sweetspot

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



44.4742, 34.7622, 32.3831



82.2080, 80.4685, 85.6522



48.0906, 35.6897, 74.8752



17.3230, 16.8101, 17.8341



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.



44.4742, 34.7622, 32.3831



54.7860, 39.4613, 33.8544



48.1318, 43.8553, 28.1207



13.7989, 13.7372, 14.7113



18.1149, 9.3130, 2.0049



1.2840, 0.6569, 0.2884

Inverse Universe

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



44.4742, 34.7622, 32.3831



54.7860, 39.4613, 33.8544



42.3466, 48.8052, 77.7095



13.7989, 13.7372, 14.7113



18.1149, 9.3130, 2.0049



1.2840, 0.6569, 0.2884

Previews

White Background



This preview shows how the XYZ color 44.4733, 34.7605, 32.3824 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 44.4733, 34.7605, 32.3824 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 44.4733, 34.7605, 32.3824

Background



This preview shows how black text looks on a background with the XYZ color 44.4733, 34.7605, 32.3824.



This preview shows how white text looks on a background with the XYZ color 44.4733, 34.7605,

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

44.4733, 34.7605, 32.3824

Protanopia

33.8200, 35.0863, 39.1722

Deuteranopia

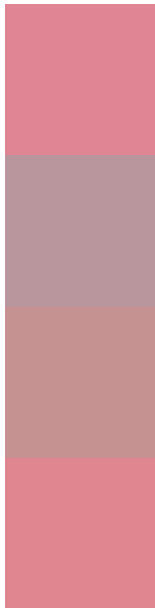
35.6457, 34.9486, 31.2526



Tritanopia

44.2996, 34.9111, 30.7892

Trichromacy



Original Color

44.4733, 34.7605, 32.3824

Protanomaly

36.9997, 34.5613, 36.6192

Deuteranomaly

38.4157, 34.4724, 31.4172

Tritanomaly

44.3764, 34.9418, 31.1936

Monochromacy



Original Color

44.4733, 34.7605, 32.3824

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.1600, 34.8818, 36.6726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4733, 34.7605, 32.3824 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(224, 133, 148)` looks like.

```
.text, #text, p{  
    color:rgb(224, 133, 148)  
}
```

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(224, 133, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 133, 148) }
```

Border

The CSS property to change the border of an element to XYZ 44.4733, 34.7605, 32.3824 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(224, 133, 148) }
```


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

```
.border{ border-color:rgb(224, 133, 148) }
```

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

Here you see how a box with a 4 pixel rgb(224, 133, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 133, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 133, 148);  
box-shadow:4px 4px 4px 4px rgb(224, 133,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4733, 34.7605, 32.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 133, 148) }
```

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

```
.background{ background-color: rgb(224,  
133, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor