

Converting Colors

XYZ(44.4077, 34.6911, 30.7827)

Have a look what the booklet for
XYZ(44.4077, 34.6911, 30.7827)
contains.

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Color

**XYZ(44.4729, 34.7962,
30.7579)**

Conversions

Conversions Part 1

Format	Color
Hex	E18590
RGB	225, 133, 144
RGB Percent	88%, 52%, 56%
CMY	0.1176, 0.4784, 0.4353
CMYK	0.00, 0.41, 0.36, 0.12
HSL	353°, 61%, 70%
HSV	353°, 41%, 88%
XYZ	44.4729, 34.7962, 30.7579
YIQ	161.7620, 51.3010, 22.9250

Conversions

Conversions Part 2

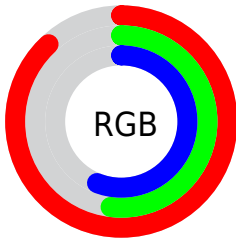
Format	Color
R_{YB}	225, 133, 144
Decimal	14779792
CIE _{Lab}	65.59, 36.49, 9.44
CIE _{LCh}	66, 37.693, 14.509
Yxy	34.7962, 0.4042, 0.3163
Android (android.graphics.Color)	4292969872 (0xFFE18590)
YUV	161.7620, -8.7567, 55.4597
Hunter-Lab	58.9883, 31.3465, 10.3766

Details

The XYZ color **44.4729, 34.7962, 30.7579** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.7373, 63.6928, 73.3470**, and the grayscale version is **34.2550, 36.0390, 39.2464**.

A 20% lighter version of the original color is **69.2034, 60.8779, 61.5293**, and **20.8992, 14.9085, 12.3658** is the 20% darker color. If you saturate the color by 10%, you get **40.3322, 28.7290, 22.5514**, and if you desaturate by 10%, it is **49.5410, 42.2926, 40.5851**.

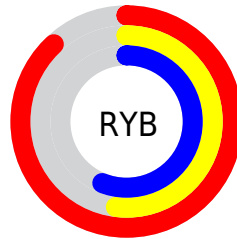
Distribution



Red (88%)

Green (52%)

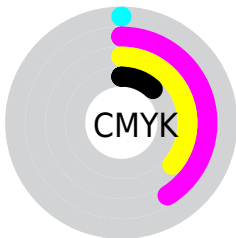
Blue (56%)



Red (88%)

Yellow (52%)

Blue (56%)

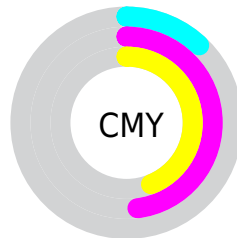


Cyan (0%)

Magenta (41%)

Yellow (36%)

Black (12%)



Cyan (12%)


Magenta (48%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4729, 34.7962, 30.7579 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 44.4729, 34.7962, 30.7579 by changing the saturation by 10% instead.


 44.4729, 34.7962,
30.7579


 44.4729, 34.7962,
30.7579


355.4543,
323.6679, 319.7380


 31.2420, 23.5059,
20.1576


 81.1708, 67.1699,
61.9338

 20.9359, 14.9675,
12.3245


 105.3685, 89.0222,
83.3465

 13.1893, 8.7966,
6.8398


 133.9525,
115.1639, 109.2005

 7.6370, 4.6087,
3.2852

167.2881,
145.9794, 139.9143

 3.9134, 2.0196,
1.2420

205.7408,
181.8532, 175.9064

 1.6532, 0.6188,
0.0136

249.6758,

 0.4267, 0.0000,

223.1696, 217.5953

0.0000

299.4585,
270.3130, 265.3997

■ 0.0000, 0.0000,
0.0000

■ 44.4729, 34.7962,
30.7579

■ 44.4729, 34.7962,
30.7579

■ 40.3322, 28.7290,
22.5514

■ 49.5410, 42.2926,
40.5851

■ 37.0596, 23.9952,
15.8762

■ 55.5852, 51.2956,
52.1117

■ 34.5934, 20.4956,
10.6374

■ 62.6543, 61.8834,
65.4136

■ 32.8626, 18.1146,
6.7287

■ 70.7929, 74.1271,
80.5617

■ 31.7832, 16.7150,
4.0284

■ 80.0431, 88.0934,
97.6228

■ 31.2479, 16.0862,
2.4883

■ 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.



44.4154, 34.7962, 46.6175



44.4729, 34.7962, 30.7579



41.2508, 34.7962, 20.2965

Triad

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



44.4729, 34.7962, 30.7579



26.1641, 34.7962, 20.0540



30.3130, 34.7962, 75.4667

Complementary

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



44.4729, 34.7962, 30.7579



48.7373, 63.6928, 73.3470

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.



26.0540, 34.7962, 63.4983



44.4729, 34.7962, 30.7579



23.8469, 34.7962, 30.3211

Square

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



44.4729, 34.7962, 30.7579



30.4795, 34.7962, 15.3900



23.8090, 34.7962, 46.0408



35.8091, 34.7962, 75.6808

Rectangle

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



44.4729, 34.7962, 30.7579



37.8637, 34.7962, 16.5095



23.8090, 34.7962, 46.0408



28.7040, 34.7962, 72.5627

Sweetspot

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



44.4738, 34.7979, 30.7586



82.0148, 80.3912, 84.6349



49.3425, 36.3194, 75.6439



17.2779, 16.7920, 17.5966



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.



44.4738, 34.7979, 30.7586



54.3389, 39.2824, 31.4998



49.0560, 45.2424, 28.3396



13.7735, 13.7270, 14.5776



18.0288, 9.2785, 1.5516



1.2720, 0.6521, 0.2251

Inverse Universe

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



44.4738, 34.7979, 30.7586



54.3389, 39.2824, 31.4998



41.9539, 47.8023, 78.2498



13.7735, 13.7270, 14.5776



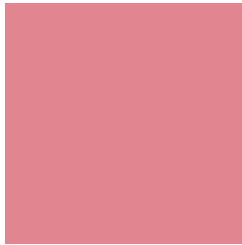
18.0288, 9.2785, 1.5516



1.2720, 0.6521, 0.2251

Previews

White Background



This preview shows how the XYZ color 44.4729, 34.7962, 30.7579 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 44.4729, 34.7962, 30.7579 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 44.4729, 34.7962, 30.7579

Background



This preview shows how black text looks on a background with the XYZ color 44.4729, 34.7962, 30.7579.



This preview shows how white text looks on a background with the XYZ color 44.4729, 34.7962,

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

44.4729, 34.7962, 30.7579

Protanopia

33.6739, 35.0514, 37.3385

Deuteranopia

35.5806, 34.9497, 29.6816



Tritanopia

44.3968, 34.7658, 30.3571

Trichromacy



Original Color

44.4729, 34.7962, 30.7579

Protanomaly

36.9058, 34.5517, 34.8610

Deuteranomaly

38.3753, 34.4866, 29.8333

Tritanomaly

44.3968, 34.7658, 30.3571

Monochromacy



Original Color

44.4729, 34.7962, 30.7579

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.9906, 34.8141, 35.7805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4729, 34.7962, 30.7579 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, 133, 144)` looks like.

```
.text, #text, p{  
    color:rgb(225, 133, 144)  
}
```

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, 133, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 133, 144) }
```

Border

The CSS property to change the border of an element to XYZ 44.4729, 34.7962, 30.7579 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, 133, 144) }
```


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

```
.border{ border-color:rgb(225, 133, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 133, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 133, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 133, 144);  
box-shadow:4px 4px 4px 4px rgb(225, 133,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4729, 34.7962, 30.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 133, 144) }
```

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

```
.background{ background-color: rgb(225,  
133, 144) }
```

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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