

Converting Colors

XYZ(45.9218, 36.0748, 35.6411)

Have a look what the booklet for
XYZ(45.9218, 36.0748, 35.6411)
contains.

XYZ(45.7719, 35.9824, 35.5432)	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(45.7719, 35.9824,
35.5432)**

Conversions

Conversions Part 1

Format	Color
Hex	E1889B
RGB	225, 136, 155
RGB Percent	88%, 53%, 61%
CMY	0.1176, 0.4666, 0.3922
CMYK	0.00, 0.40, 0.31, 0.12
HSL	347°, 60%, 71%
HSV	347°, 40%, 88%
XYZ	45.7719, 35.9824, 35.5432
YIQ	164.7770, 46.9450, 24.7770

Conversions

Conversions Part 2

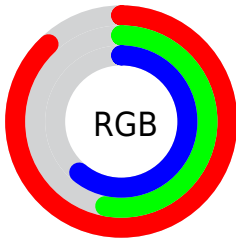
Format	Color
R_{YB}	225, 136, 155
Decimal	14780571
CIE _{Lab}	66.51, 36.28, 4.54
CIE _{LCh}	67, 36.565, 7.138
Yxy	35.9824, 0.3902, 0.3068
Android (android.graphics.Color)	4292970651 (0xFFE1889B)
YUV	164.7770, -4.8201, 52.8156
Hunter-Lab	59.9853, 31.2304, 6.8585

Details

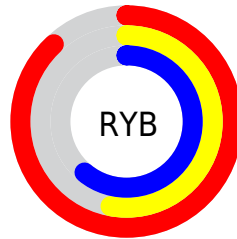
The XYZ color **45.7719, 35.9824, 35.5432** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.2208, 63.5418, 68.1191**, and the grayscale version is **35.6649, 37.5222, 40.8617**.

A 20% lighter version of the original color is **71.3794, 63.1251, 68.7439**, and **21.6054, 15.5556, 14.9605** is the 20% darker color. If you saturate the color by 10%, you get **41.5503, 29.7459, 27.3328**, and if you desaturate by 10%, it is **50.8784, 43.6397, 45.1241**.

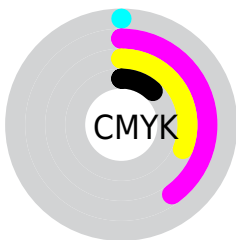
Distribution



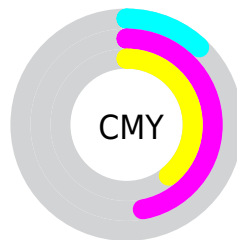
- Red (88%)
- Green (53%)
- Blue (61%)



- Red (88%)
- Yellow (53%)
- Blue (61%)



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)
- Black (12%)





- Cyan (12%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.7719, 35.9824, 35.5432 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 45.7719, 35.9824, 35.5432 by changing the saturation by 10% instead.

 45.7719, 35.9824,
35.5432


 45.7719, 35.9824,
35.5432

360.6222,
328.8836, 341.9364


 32.2697, 24.4206,
23.7947


 83.1075, 69.0049,
69.4875

 21.7241, 15.6459,
14.9706


 107.6716, 91.2344,
92.5204

 13.7698, 9.2739,
8.6524

 136.6537,
117.7886, 120.1519

 8.0414, 4.9203,
4.4214

170.4192,
149.0518, 152.8004

 4.1735, 2.2006,
1.8593

209.3335,
185.4086, 190.8846

 1.8007, 0.7203,
0.4666

253.7618,

 0.5181, 0.0000,

227.2432, 234.8230

0.0000

304.0696,
274.9401, 285.0340

■ 0.0000, 0.0000,
0.0000

■ 45.7719, 35.9824,
35.5432

■ 45.7719, 35.9824,
35.5432

■ 41.5503, 29.7459,
27.3328

■ 50.8784, 43.6397,
45.1241

■ 38.1593, 24.8373,
20.4270

■ 56.9141, 52.7928,
56.1328

■ 35.5430, 21.1608,
14.7576

■ 63.9237, 63.5175,
68.6259

■ 33.6371, 18.6054,
10.2491

■ 71.9482, 75.8831,
82.6563

■ 32.3665, 17.0401,
6.8171

■ 81.0262, 89.9546,
98.2741

■ 31.6128, 16.2496,
4.3557

■ 84.8614, 94.7476,
108.4232

■ 31.5854, 16.2212,
4.2652

Harmonies

Analogous

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



44.8707, 35.9824, 52.1278



45.7719, 35.9824, 35.5432



43.3180, 35.9824, 23.6227

Triad

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



45.7719, 35.9824, 35.5432



28.2184, 35.9824, 19.6922



30.2632, 35.9824, 74.1319

Complementary

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



45.7719, 35.9824, 35.5432



48.2208, 63.5418, 68.1191

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.



26.4610, 35.9824, 60.3960



45.7719, 35.9824, 35.5432



25.3715, 35.9824, 28.5741

Square

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



45.7719, 35.9824, 35.5432



32.9060, 35.9824, 16.1966



24.7643, 35.9824, 43.0541



35.5279, 35.9824, 77.4529

Rectangle

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



45.7719, 35.9824, 35.5432



40.2497, 35.9824, 18.8861



24.7643, 35.9824, 43.0541



28.7894, 35.9824, 70.4301

Sweetspot

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



45.7729, 35.9842, 35.5439



82.4174, 80.5522, 86.7547



47.7710, 36.1277, 75.6899



17.3719, 16.8296, 18.0917



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.



45.7729, 35.9842, 35.5439



56.3342, 41.1936, 38.5760



48.2793, 43.3524, 29.1180



13.8264, 13.7482, 14.8558



18.2359, 9.3614, 2.6421



1.2969, 0.6620, 0.3564

Inverse Universe

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



45.7729, 35.9842, 35.5439



56.3342, 41.1936, 38.5760



44.3495, 51.8801, 78.9108



13.8264, 13.7482, 14.8558



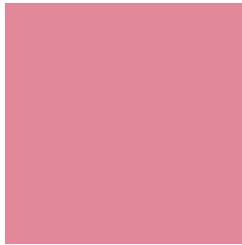
18.2359, 9.3614, 2.6421



1.2969, 0.6620, 0.3564

Previews

White Background



This preview shows how the XYZ color 45.7719, 35.9824, 35.5432 looks on a white background.

Color Contrast Check

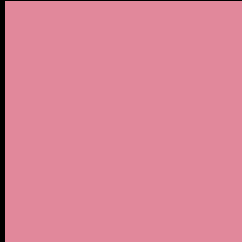
Large Text (above 18pt) WCAG AA × Fail

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 45.7719, 35.9824, 35.5432 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 45.7719, 35.9824, 35.5432

Background



This preview shows how black text looks on a background with the XYZ color 45.7719, 35.9824, 35.5432.



This preview shows how white text looks on a background with the XYZ color 45.7719, 35.9824,

35.5432.

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

45.7719, 35.9824, 35.5432

Protanopia

35.0106, 36.1408, 42.6667

Deuteranopia

36.9343, 36.2934, 34.3368



Tritanopia

45.0314, 35.8767, 32.5685

Trichromacy



Original Color

45.7719, 35.9824, 35.5432

Protanomaly

38.1788, 35.5759, 39.9766

Deuteranomaly

39.7036, 35.7677, 34.5170

Tritanomaly

45.2720, 35.9730, 33.8355

Monochromacy



Original Color

45.7719, 35.9824, 35.5432

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.4821, 36.2492, 38.6868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7719, 35.9824, 35.5432 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, 136, 155)` looks like.

```
.text, #text, p{  
    color:rgb(225, 136, 155)  
}
```

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, 136, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 136, 155) }
```

Border

The CSS property to change the border of an element to XYZ 45.7719, 35.9824, 35.5432 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, 136, 155) }
```


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

```
.border{ border-color:rgb(225, 136, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 136, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 136, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 136, 155);  
box-shadow:4px 4px 4px 4px rgb(225, 136,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7719, 35.9824, 35.5432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 136, 155) }
```

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

```
.background{ background-color: rgb(225,  
136, 155) }
```

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