

Converting Colors

XYZ(45.2922, 35.3629, 24.7711)

Have a look what the booklet for
XYZ(45.2922, 35.3629, 24.7711)
contains.

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Color

**XYZ(45.2388, 35.3225,
24.8557)**

Conversions

Conversions Part 1

Format	Color
Hex	E78580
RGB	231, 133, 128
RGB Percent	91%, 52%, 50%
CMY	0.0941, 0.4784, 0.4980
CMYK	0.00, 0.42, 0.45, 0.09
HSL	3°, 68%, 70%
HSV	3°, 45%, 91%
XYZ	45.2388, 35.3225, 24.8557
YIQ	161.7320, 60.0130, 19.2210

Conversions

Conversions Part 2

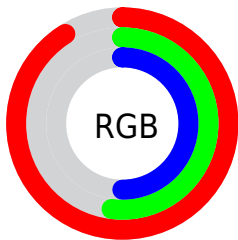
Format	Color
R_{YB}	231, 133, 128
Decimal	15172992
CIE _{Lab}	66.00, 36.94, 19.15
CIE _{LCh}	66, 41.608, 27.396
Yxy	35.3225, 0.4291, 0.3351
Android (android.graphics.Color)	4293363072 (0xFFE78580)
YUV	161.7320, -16.6299, 60.7480
Hunter-Lab	59.4327, 31.8627, 16.8069

Details

The XYZ color **45.2388, 35.3225, 24.8557** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.5208, 64.7484, 85.4361**, and the grayscale version is **34.2739, 36.0588, 39.2680**.

A 20% lighter version of the original color is **67.3508, 60.1368, 51.7739**, and **21.3670, 15.2200, 9.2087** is the 20% darker color. If you saturate the color by 10%, you get **41.1873, 29.3820, 16.8385**, and if you desaturate by 10%, it is **50.2677, 42.6639, 34.9068**.

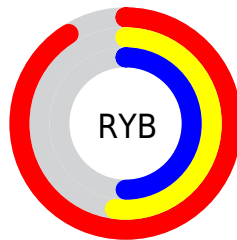
Distribution



Red (91%)

Green (52%)

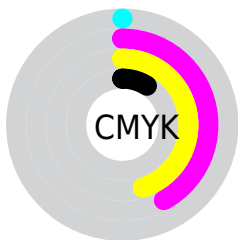
Blue (50%)



Red (91%)

Yellow (52%)

Blue (50%)

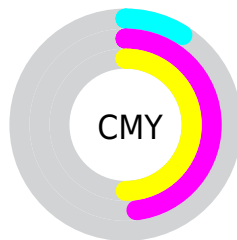


Cyan (0%)

Magenta (42%)

Yellow (45%)

Black (9%)



Cyan (9%)


Magenta (48%)


Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.2388, 35.3225, 24.8557 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 45.2388, 35.3225, 24.8557 by changing the saturation by 10% instead.


 45.2388, 35.3225,
24.8557

 45.2388, 35.3225,
24.8557


358.5073,
325.9895, 290.5432

 31.8476, 23.9114,
15.7515

 82.3135, 67.9851,
52.3842

 21.4001, 15.2679,
9.1961


 106.7278, 90.0053,
71.6457

 13.5309, 9.0076,
4.7707


 135.5471,
116.3308, 95.1300

 7.8747, 4.7462,
2.0570

169.1368,
147.3458, 123.2557

 4.0660, 2.0991,
0.5900

207.8624,
183.4348, 156.4413

 1.7395, 0.6641,
0.0000

252.0891,

 0.4808, 0.0000,

224.9822, 195.1054

0.0000

302.1823,
272.3723, 239.6665

■ 0.0000, 0.0000,
0.0000

■ 45.2388, 35.3225,
24.8557

■ 45.2388, 35.3225,
24.8557

■ 41.1873, 29.3820,
16.8385

■ 50.2677, 42.6639,
34.9068

■ 38.0470, 24.7484,
10.7147

■ 56.3290, 51.4817,
47.1154

■ 35.7482, 21.3247,
6.3291

■ 63.4768, 61.8526,
61.5976

■ 34.2094, 18.9980,
3.5013

■ 71.7607, 73.8461,
78.4605

■ 33.3332, 17.6342,
2.0110

■ 81.2271, 87.5277,
97.8047

■ 33.0772, 17.2334,
1.5830

■ 86.7649, 95.7289,
108.5123

Harmonies

Analogous

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



46.8652, 35.3225, 40.0239



45.2388, 35.3225, 24.8557



40.3757, 35.3225, 16.3602

Triad

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



45.2388, 35.3225, 24.8557



24.5424, 35.3225, 22.9111



33.0371, 35.3225, 83.3332

Complementary

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



45.2388, 35.3225, 24.8557



50.5208, 64.7484, 85.4361

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.



27.5808, 35.3225, 74.7447



45.2388, 35.3225, 24.8557



23.0666, 35.3225, 36.9378

Square

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



45.2388, 35.3225, 24.8557



28.4074, 35.3225, 15.5029



24.1078, 35.3225, 56.2966



39.3296, 35.3225, 77.1734

Rectangle

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



45.2388, 35.3225, 24.8557



36.2274, 35.3225, 13.9280



24.1078, 35.3225, 56.2966



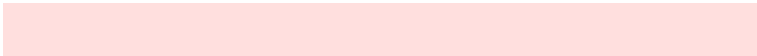
31.0515, 35.3225, 82.0285

Sweetspot

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



45.2397, 35.3243, 24.8564



80.9157, 79.5479, 80.0914



54.6177, 38.0049, 77.5406



16.8584, 16.3586, 16.2065



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.



45.2397, 35.3243, 24.8564



51.6752, 36.9647, 21.3336



53.7711, 52.3871, 27.7002



14.4329, 14.4797, 14.9386



18.5692, 9.7125, 0.8960



1.3921, 0.7576, 0.0729

Inverse Universe

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



50.5208, 64.7484, 85.4361



59.0887, 78.3472, 106.6160



38.8645, 41.4358, 81.5506



14.7443, 16.2100, 18.4961



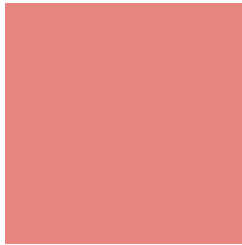
22.4282, 31.9185, 47.3620



1.6759, 2.3958, 3.5061

Previews

White Background



This preview shows how the XYZ color 45.2388, 35.3225, 24.8557 looks on a white background.

Color Contrast Check

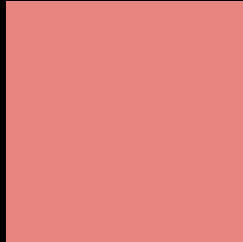
Large Text (above 18pt) WCAG AA × Fail

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 45.2388, 35.3225, 24.8557 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 45.2388, 35.3225, 24.8557

Background



This preview shows how black text looks on a background with the XYZ color 45.2388, 35.3225, 24.8557.



This preview shows how white text looks on a background with the XYZ color 45.2388, 35.3225,

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

45.2388, 35.3225, 24.8557

Protanopia

33.5270, 35.3895, 30.2631

Deuteranopia

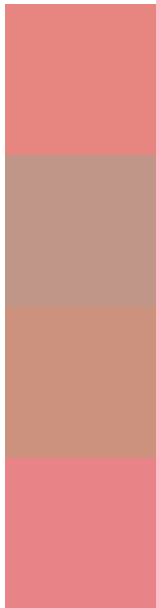
36.1800, 35.3853, 23.9919



Tritanopia

46.2027, 35.3115, 29.5800

Trichromacy



Original Color

45.2388, 35.3225, 24.8557

Protanomaly

36.8361, 34.6666, 28.0424

Deuteranomaly

38.8824, 34.8758, 24.0844

Tritanomaly

45.9739, 35.4359, 27.7093

Monochromacy



Original Color

45.2388, 35.3225, 24.8557

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.0651, 34.9000, 33.6370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2388, 35.3225, 24.8557 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(231, 133, 128)` looks like.

```
.text, #text, p{  
    color:rgb(231, 133, 128)  
}
```

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(231, 133, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 133, 128) }
```

Border

The CSS property to change the border of an element to XYZ 45.2388, 35.3225, 24.8557 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(231, 133, 128) }
```


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

```
.border{ border-color:rgb(231, 133, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 133, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 133, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 133, 128);  
box-shadow:4px 4px 4px 4px rgb(231, 133,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2388, 35.3225, 24.8557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 133, 128) }
```

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

```
.background{ background-color: rgb(231,  
133, 128) }
```

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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