

Converting Colors

XYZ(51.2851, 45.7145, 32.4820)

Have a look what the booklet for
XYZ(51.2851, 45.7145, 32.4820)
contains.

XYZ(51.4442, 45.9128, 32.5362)	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(51.4442, 45.9128,
32.5362)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A590
RGB	231, 165, 144
RGB Percent	91%, 65%, 56%
CMY	0.0941, 0.3529, 0.4353
CMYK	0.00, 0.29, 0.38, 0.09
HSL	14°, 64%, 74%
HSV	14°, 38%, 91%
XYZ	51.4442, 45.9128, 32.5362
YIQ	182.3400, 46.0770, 7.4610

Conversions

Conversions Part 2

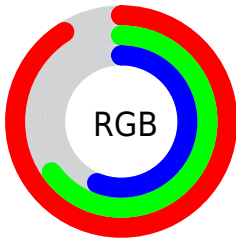
Format	Color
R _Y B	231, 172, 144
Decimal	15181200
CIE Lab	73.49, 21.75, 20.58
CIE LCh	73, 29.943, 43.420
Yxy	45.9128, 0.3960, 0.3535
Android (android.graphics.Color)	4293371280 (0xFFE7A590)
YUV	182.3400, -18.9016, 42.6748
Hunter-Lab	67.7590, 16.9431, 18.9617

Details

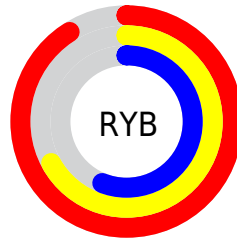
The XYZ color **51.4442, 45.9128, 32.5362** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9711, 57.7899, 84.1749**, and the grayscale version is **44.7321, 47.0616, 51.2501**.

A 20% lighter version of the original color is **77.0262, 76.5236, 64.1369**, and **25.1591, 21.5026, 13.4141** is the 20% darker color. If you saturate the color by 10%, you get **46.9092, 39.3850, 23.1871**, and if you desaturate by 10%, it is **56.7759, 53.4556, 43.9339**.

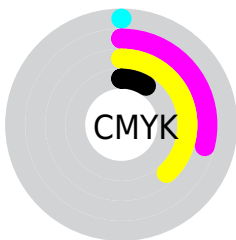
Distribution



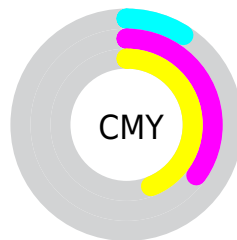
- Red (91%)
- Green (65%)
- Blue (56%)



- Red (91%)
- Yellow (67%)
- Blue (56%)



- Cyan (0%)
- Magenta (29%)
- Yellow (38%)
- Black (9%)





- Cyan (9%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4442, 45.9128, 32.5362 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 51.4442, 45.9128, 32.5362 by changing the saturation by 10% instead.


 51.4442, 45.9128,
32.5362


 51.4442, 45.9128,
32.5362


382.6464,
370.4580, 328.1223

 36.7847, 32.1770,
21.5032


 91.4901, 84.0885,
64.7584

 25.2138, 21.4967,
13.2975


 117.6073,
109.2972, 86.7846

 16.3660, 13.4876,
7.5006


148.2744,
139.0989, 113.3124

 9.8760, 7.7652,
3.6939

183.8568,
173.8782, 144.7601

 5.3784, 3.9450,
1.4590

224.7198,
214.0193, 181.5465

 2.5080, 1.6429,
0.1871

271.2289,

 0.8993, 0.3862,

259.9067, 224.0899

0.0000

323.7493,
311.9248, 272.8090

0.0000, 0.0000,
0.0000

51.4442, 45.9128,
32.5362

51.4442, 45.9128,
32.5362

46.9092, 39.3850,
23.1871

56.7759, 53.4556,
43.9339

43.1276, 33.8217,
15.7613

62.9376, 62.0479,
57.4900

40.0574, 29.1780,
10.1238

69.9648, 71.7307,
73.3094

37.6504, 25.4023,
6.1207

77.8900, 82.5408,
91.4897

35.8521, 22.4379,
3.5717

86.0105, 94.2199,
108.2608

■ 34.5936, 20.2188,
2.2344

■ 86.7650, 95.7289,
108.5123

■ 34.3582, 19.7952,
2.0100

Harmonies

Analogous

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



54.2890, 45.9128, 43.5362



51.4442, 45.9128, 32.5362



46.6034, 45.9128, 26.9632

Triad

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



51.4442, 45.9128, 32.5362



34.6054, 45.9128, 42.1374



46.0400, 45.9128, 83.9816

Complementary

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



51.4442, 45.9128, 32.5362



48.9711, 57.7899, 84.1749

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.



40.8025, 45.9128, 83.3958



51.4442, 45.9128, 32.5362



34.4813, 45.9128, 57.0547

Square

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



51.4442, 45.9128, 32.5362



37.0197, 45.9128, 31.6911



36.6657, 45.9128, 72.7831



51.0032, 45.9128, 74.2510

Rectangle

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



51.4442, 45.9128, 32.5362



43.0353, 45.9128, 26.2030



36.6657, 45.9128, 72.7831



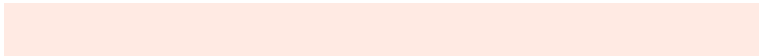
44.2477, 45.9128, 85.0358

Sweetspot

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



51.4454, 45.9150, 32.5371



84.4420, 85.4909, 84.6877



54.6488, 41.6240, 66.5852



17.8146, 17.9413, 17.5414



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.



51.4454, 45.9150, 32.5371



59.9864, 51.1494, 31.6189



60.4964, 64.0171, 35.5541



14.6581, 14.9302, 15.0137



19.3424, 11.2590, 1.1537



1.5005, 0.9744, 0.1090

Inverse Universe

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



48.9711, 57.7899, 84.1749



56.4573, 67.9170, 104.7414



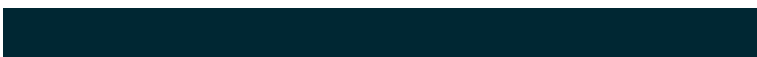
39.7812, 39.4101, 81.1116



14.4972, 15.7157, 18.4137



16.8066, 20.6753, 45.4881



1.3128, 1.6696, 3.3850

Previews

White Background



This preview shows how the XYZ color 51.4442, 45.9128, 32.5362 looks on a white background.

Color Contrast Check

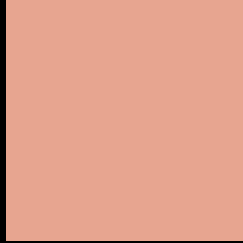
Large Text (above 18pt) WCAG AA × Fail

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 51.4442, 45.9128, 32.5362 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 51.4442, 45.9128, 32.5362

Background



This preview shows how black text looks on a background with the XYZ color 51.4442, 45.9128, 32.5362.



This preview shows how white text looks on a background with the XYZ color 51.4442, 45.9128,

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

51.4442, 45.9128, 32.5362

Protanopia

43.3930, 45.9532, 35.8610

Deuteranopia

46.8825, 46.0740, 32.0134



Tritanopia

54.2194, 45.9993, 45.5562

Trichromacy



Original Color

51.4442, 45.9128, 32.5362

Protanomaly

46.1289, 45.9199, 34.4491

Deuteranomaly

48.4343, 46.0144, 32.3155

Tritanomaly

53.0462, 45.7729, 40.2216

Monochromacy



Original Color

51.4442, 45.9128, 32.5362

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.4126, 46.1572, 43.5088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4442, 45.9128, 32.5362 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, 165, 144)` looks like.

```
.text, #text, p{  
    color:rgb(231, 165, 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(231, 165, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 165, 144) }
```

Border

The CSS property to change the border of an element to XYZ 51.4442, 45.9128, 32.5362 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, 165, 144) }
```


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

```
.border{ border-color:rgb(231, 165, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 165, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 165, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 165, 144);  
box-shadow:4px 4px 4px 4px rgb(231, 165,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4442, 45.9128, 32.5362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 165, 144) }
```

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

```
.background{ background-color: rgb(231,  
165, 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](#).

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