

Converting Colors

XYZ(50.1937, 44.1963, 39.8667)

Have a look what the booklet for
XYZ(50.1937, 44.1963, 39.8667)
contains.

XYZ(50.1824, 44.2966, 40.0876)	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(50.1824, 44.2966,
40.0876)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A2A2
RGB	224, 162, 162
RGB Percent	88%, 64%, 64%
CMY	0.1216, 0.3647, 0.3647
CMYK	0.00, 0.28, 0.28, 0.12
HSL	0°, 50%, 76%
HSV	0°, 28%, 88%
XYZ	50.1824, 44.2966, 40.0876
YIQ	180.5380, 36.9520, 13.1440

Conversions

Conversions Part 2

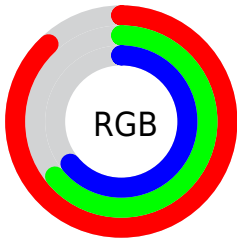
Format	Color
R _Y B	224, 162, 162
Decimal	14721698
CIE Lab	72.43, 22.97, 9.11
CIE LCh	72, 24.712, 21.645
Yxy	44.2966, 0.3729, 0.3292
Android (android.graphics.Color)	4292911778 (0xFFE0A2A2)
YUV	180.5380, -9.1392, 38.1162
Hunter-Lab	66.5557, 18.1150, 10.8776

Details

The XYZ color **50.1824, 44.2966, 40.0876** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.0096, 66.3724, 80.4331**, and the grayscale version is **43.7065, 45.9826, 50.0750**.

A 20% lighter version of the original color is **78.5772, 75.8955, 76.1535**, and **24.3268, 20.4931, 17.4253** is the 20% darker color. If you saturate the color by 10%, you get **44.7656, 36.3706, 29.3178**, and if you desaturate by 10%, it is **56.6590, 53.7740, 52.9614**.

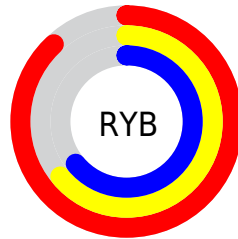
Distribution



Red (88%)

Green (64%)

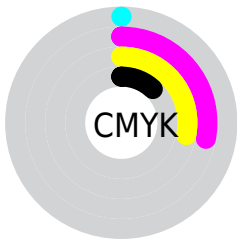
Blue (64%)



Red (88%)

Yellow (64%)

Blue (64%)

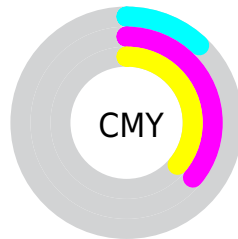


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (12%)



Cyan (12%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1824, 44.2966, 40.0876 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 50.1824, 44.2966, 40.0876 by changing the saturation by 10% instead.


 50.1824, 44.2966,
40.0876


 50.1824, 44.2966,
40.0876


377.8190,
363.9172, 362.0557

 35.7767, 30.9038,
27.2925


 89.6353, 81.6639,
76.5354

 24.4311, 20.5256,
17.5587


 115.4132,
106.4071, 101.0253

 15.7802, 12.7777,
10.4675


145.7126,
135.7025, 130.2505

 9.4586, 7.2756,
5.6003

180.8988,
169.9346, 164.6296

 5.1010, 3.6351,
2.5388

221.3372,
209.4877, 204.5811

 2.3420, 1.4716,
0.8606

267.3931,

 0.8160, 0.2686,

254.7463, 250.5236

0.0000

319.4320,
306.0947, 302.8757

■ 0.0000, 0.0000,
0.0000

■ 50.1824, 44.2966,
40.0876

■ 50.1824, 44.2966,
40.0876

■ 44.7656, 36.3706,
29.3178

■ 56.6590, 53.7740,
52.9614

■ 40.3490, 29.9077,
20.5378

■ 64.2438, 64.8726,
68.0398

■ 36.8723, 24.8203,
13.6265

■ 72.9865, 77.6656,
85.4203

■ 34.2675, 21.0087,
8.4487

■ 82.9328, 92.2197,
105.1937

■ 32.4575, 18.3600,
4.8509

■ 84.5506, 94.5873,
108.4086

■ 31.3516, 16.7417,
2.6528

■ 30.8257, 15.9720,
1.6076

■ 30.7408, 15.8477,
1.4387

Harmonies

Analogous

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



50.7358, 44.2966, 51.7205



50.1824, 44.2966, 40.0876



47.3916, 44.2966, 32.0784

Triad

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



50.1824, 44.2966, 40.0876



36.0017, 44.2966, 35.0924



40.9237, 44.2966, 75.3563

Complementary

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



50.1824, 44.2966, 40.0876



55.0096, 66.3724, 80.4331

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.



37.2225, 44.2966, 69.0599



50.1824, 44.2966, 40.0876



34.5089, 44.2966, 44.9030

Square

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



50.1824, 44.2966, 40.0876



39.1537, 44.2966, 29.5511



34.9402, 44.2966, 57.4097



45.1960, 44.2966, 73.4806

Rectangle

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



50.1824, 44.2966, 40.0876



44.7345, 44.2966, 29.2202



34.9402, 44.2966, 57.4097



39.5760, 44.2966, 74.0919

Sweetspot

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



50.1836, 44.2987, 40.0885



85.7720, 86.4238, 90.4554



57.1157, 47.0703, 76.5964



18.0096, 17.9873, 18.6670



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.



50.1836, 44.2987, 40.0885



63.1121, 53.2661, 45.4082



56.3324, 56.5963, 42.1381



13.7074, 13.7007, 14.2288



17.8933, 9.2246, 0.8374



1.2403, 0.6395, 0.0581

Inverse Universe

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



55.0096, 66.3724, 80.4331



70.5700, 87.3772, 107.7538



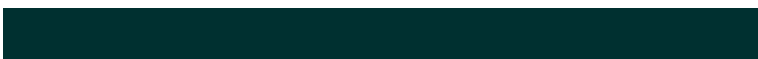
47.4252, 51.2036, 77.9050



14.1165, 15.5722, 17.6494



23.3445, 34.1587, 46.4113



1.6181, 2.3677, 3.2170

Previews

White Background



This preview shows how the XYZ color 50.1824, 44.2966, 40.0876 looks on a white background.

Color Contrast Check

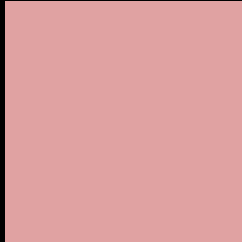
Large Text (above 18pt) WCAG AA × Fail

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 50.1824, 44.2966, 40.0876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

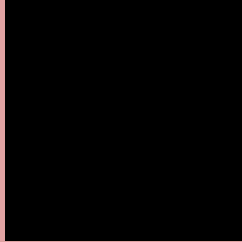
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1824, 44.2966, 40.0876

Background



This preview shows how black text looks on a background with the XYZ color 50.1824, 44.2966, 40.0876.



This preview shows how white text looks on a background with the XYZ color 50.1824, 44.2966,

40.0876.

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

50.1824, 44.2966, 40.0876

Protanopia

42.5063, 44.4138, 44.3626

Deuteranopia

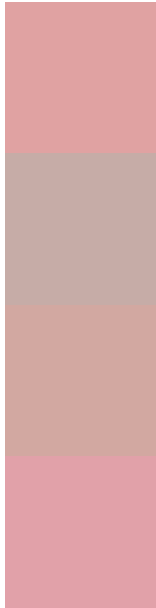
45.4548, 44.5997, 39.4706



Tritanopia

51.1650, 44.1663, 45.3634

Trichromacy



Original Color

50.1824, 44.2966, 40.0876

Protanomaly

45.0163, 44.3008, 42.7375

Deuteranomaly

47.0140, 44.2801, 39.7872

Tritanomaly

50.9576, 44.3619, 43.4131

Monochromacy



Original Color

50.1824, 44.2966, 40.0876

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.8020, 45.1984, 46.3545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1824, 44.2966, 40.0876 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, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(224, 162, 162)  
}
```

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, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 162, 162) }
```

Border

The CSS property to change the border of an element to XYZ 50.1824, 44.2966, 40.0876 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, 162, 162) }
```


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

```
.border{ border-color:rgb(224, 162, 162) }
```

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

Here you see how a box with a 4 pixel rgb(224, 162, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(224, 162,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1824, 44.2966, 40.0876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 162, 162) }
```

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

```
.background{ background-color: rgb(224,  
162, 162) }
```

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