

Converting Colors

XYZ(50.8566, 44.8396, 40.1470)

Have a look what the booklet for
XYZ(50.8566, 44.8396, 40.1470)
contains.

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Color

**XYZ(50.9828, 44.9718,
40.1758)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A3A2
RGB	226, 163, 162
RGB Percent	89%, 64%, 64%
CMY	0.1137, 0.3608, 0.3647
CMYK	0.00, 0.28, 0.28, 0.11
HSL	1°, 52%, 76%
HSV	1°, 28%, 89%
XYZ	50.9828, 44.9718, 40.1758
YIQ	181.7230, 37.8690, 13.0450

Conversions

Conversions Part 2

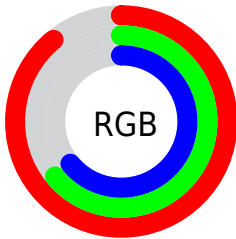
Format	Color
R _Y B	226, 163, 162
Decimal	14853026
CIE Lab	72.87, 23.18, 9.78
CIE LCh	73, 25.159, 22.877
Yxy	44.9718, 0.3745, 0.3304
Android (android.graphics.Color)	4293043106 (0xFFE2A3A2)
YUV	181.7230, -9.7234, 38.8309
Hunter-Lab	67.0610, 18.3469, 11.4225

Details

The XYZ color **50.9828, 44.9718, 40.1758** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.5521, 67.0206, 81.9600**, and the grayscale version is **44.3506, 46.6603, 50.8130**.

A 20% lighter version of the original color is **78.8358, 76.4126, 76.2396**, and **24.8611, 20.9297, 17.4814** is the 20% darker color. If you saturate the color by 10%, you get **45.5433, 37.0238, 29.3260**, and if you desaturate by 10%, it is **57.4805, 54.4578, 53.1604**.

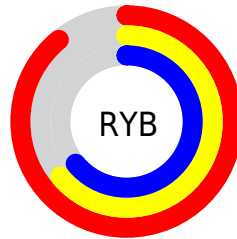
Distribution



Red (89%)

Green (64%)

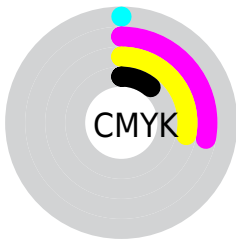
Blue (64%)



Red (89%)

Yellow (64%)

Blue (64%)

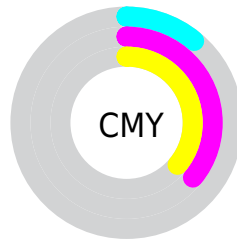


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (11%)



Cyan (11%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9828, 44.9718, 40.1758 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 50.9828, 44.9718, 40.1758 by changing the saturation by 10% instead.


 50.9828, 44.9718,
40.1758

 50.9828, 44.9718,
40.1758


380.8857,
366.6593, 362.4381

 36.4159, 31.4352,
27.3608


 90.8125, 82.6781,
76.6712

 24.9272, 20.9305,
17.6096


 116.8060,
107.6166, 101.1886

 16.1512, 13.0732,
10.5035

147.3391,
137.1245, 130.4439

 9.7228, 7.4790,
5.6241

182.7771,
171.5863, 164.8557

 5.2764, 3.7634,
2.5528

223.4854,
211.3862, 204.8425

 2.4467, 1.5421,
0.8680

269.8294,

 0.8685, 0.3181,

256.9088, 250.8228

0.0000

322.1744,
308.5384, 303.2151

■ 0.0000, 0.0000,
0.0000

■ 50.9828, 44.9718,
40.1758

■ 50.9828, 44.9718,
40.1758

■ 45.5433, 37.0238,
29.3260

■ 57.4805, 54.4578,
53.1604

■ 41.1026, 30.5270,
20.4944

■ 65.0845, 65.5502,
68.3827

■ 37.6011, 25.3956,
13.5571

■ 73.8441, 78.3207,
85.9421

■ 34.9712, 21.5323,
8.3759

■ 83.8048, 92.8351,
105.9313

■ 33.1366, 18.8269,
4.7933

■ 85.1741, 94.9088,
108.4378

■ 32.0076, 17.1503,
2.6243

■ 31.4640, 16.3353,
1.6039

■ 31.4026, 16.2458,
1.4806

Harmonies

Analogous

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



51.6577, 44.9718, 52.0188



50.9828, 44.9718, 40.1758



48.0313, 44.9718, 32.1429

Triad

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



50.9828, 44.9718, 40.1758



36.3747, 44.9718, 35.8046



41.7085, 44.9718, 77.0113

Complementary

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



50.9828, 44.9718, 40.1758



55.5521, 67.0206, 81.9600

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.



37.8603, 44.9718, 70.8259



50.9828, 44.9718, 40.1758



34.9202, 44.9718, 46.0363

Square

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



50.9828, 44.9718, 40.1758



39.5532, 44.9718, 29.9364



35.4450, 44.9718, 58.9545



46.1027, 44.9718, 74.7204

Rectangle

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



50.9828, 44.9718, 40.1758



45.2722, 44.9718, 29.3438



35.4450, 44.9718, 58.9545



40.3124, 44.9718, 75.8234

Sweetspot

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



50.9840, 44.9739, 40.1767



85.8631, 86.6060, 90.4858



58.0121, 47.5009, 78.0626



18.0322, 18.0327, 18.6746



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.



50.9840, 44.9739, 40.1767



62.6471, 52.7208, 44.0668



57.1777, 57.3613, 42.2413



13.7244, 13.7348, 14.2345



17.9232, 9.2842, 0.8474



1.2485, 0.6559, 0.0608

Inverse Universe

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



55.5521, 67.0206, 81.9600



69.5898, 86.2326, 107.5845



47.9200, 51.7564, 79.4159



14.0972, 15.5335, 17.6429



22.8112, 33.0920, 46.2335



1.5871, 2.3057, 3.2066

Previews

White Background



This preview shows how the XYZ color 50.9828, 44.9718, 40.1758 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 50.9828, 44.9718, 40.1758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

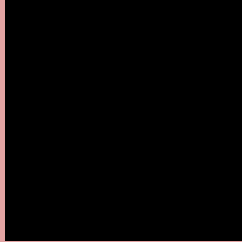
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9828, 44.9718, 40.1758

Background



This preview shows how black text looks on a background with the XYZ color 50.9828, 44.9718, 40.1758.



This preview shows how white text looks on a background with the XYZ color 50.9828, 44.9718,

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

50.9828, 44.9718, 40.1758

Protanopia

42.9433, 44.9334, 44.4399

Deuteranopia

45.9173, 45.1217, 39.5470



Tritanopia

52.0634, 44.8766, 45.9624

Trichromacy



Original Color

50.9828, 44.9718, 40.1758

Protanomaly

45.4718, 44.8193, 42.8136

Deuteranomaly

47.4850, 44.7980, 39.8624

Tritanomaly

51.8546, 45.0738, 43.9973

Monochromacy



Original Color

50.9828, 44.9718, 40.1758

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.3565, 45.7609, 46.9469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9828, 44.9718, 40.1758 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(226, 163, 162)` looks like.

```
.text, #text, p{  
    color:rgb(226, 163, 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(226, 163, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 163, 162) }
```

Border

The CSS property to change the border of an element to XYZ 50.9828, 44.9718, 40.1758 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(226, 163, 162) }
```


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

```
.border{ border-color:rgb(226, 163, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 163, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 163, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 163, 162);  
box-shadow:4px 4px 4px 4px rgb(226, 163,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9828, 44.9718, 40.1758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 163, 162) }
```

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

```
.background{ background-color: rgb(226,  
163, 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](#).

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