

Converting Colors

XYZ(52.1380, 48.8701, 41.0357)

Have a look what the booklet for
XYZ(52.1380, 48.8701, 41.0357)
contains.

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Color

**XYZ(51.9758, 48.7982,
40.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	DEAFA2
RGB	222, 175, 162
RGB Percent	87%, 69%, 64%
CMY	0.1294, 0.3137, 0.3647
CMYK	0.00, 0.21, 0.27, 0.13
HSL	13°, 48%, 75%
HSV	13°, 27%, 87%
XYZ	51.9758, 48.7982, 40.8620
YIQ	187.5710, 32.1850, 5.9210

Conversions

Conversions Part 2

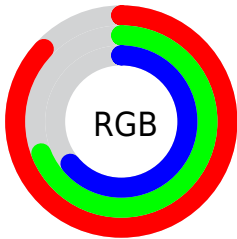
Format	Color
R _{YB}	222, 179, 162
Decimal	14593954
CIE Lab	75.33, 15.23, 13.20
CIE LCh	75, 20.152, 40.908
Yxy	48.7982, 0.3670, 0.3445
Android (android.graphics.Color)	4292784034 (0xFFDEAFA2)
YUV	187.5710, -12.6065, 30.1942
Hunter-Lab	69.8557, 10.5646, 14.2174

Details

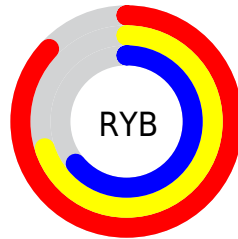
The XYZ color **51.9758, 48.7982, 40.8620** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.8850, 58.5546, 77.7278**, and the grayscale version is **47.6142, 50.0939, 54.5522**.

A 20% lighter version of the original color is **82.3403, 83.4216, 77.4078**, and **25.4999, 23.1518, 17.8766** is the 20% darker color. If you saturate the color by 10%, you get **47.0050, 41.7406, 30.3135**, and if you desaturate by 10%, it is **57.7335, 56.8713, 53.3926**.

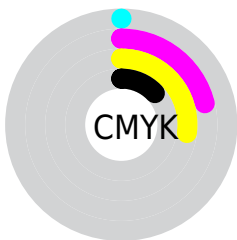
Distribution



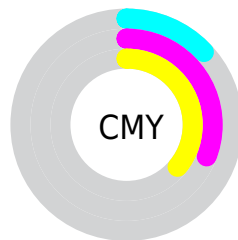
- Red (87%)
- Green (69%)
- Blue (64%)



- Red (87%)
- Yellow (70%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (27%)
- Black (13%)





- Cyan (13%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9758, 48.7982, 40.8620 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 51.9758, 48.7982, 40.8620 by changing the saturation by 10% instead.


 51.9758, 48.7982,
40.8620


 51.9758, 48.7982,
40.8620


384.6687,
381.9473, 365.4031

 37.2100, 34.4594,
27.8924


 92.2700, 88.3917,
77.7258

 25.5445, 23.2468,
18.0062


 118.5291,
114.4151, 102.4570

 16.6141, 14.7758,
10.7850


149.3499,
145.1023, 131.9458

 10.0533, 8.6622,
5.8101

185.0980,
180.8376, 166.6108

 5.4969, 4.5215,
2.6630

226.1385,
222.0053, 206.8705

 2.5794, 1.9694,
0.9247

272.8369,

 0.9354, 0.5896,

268.9899, 253.1434

0.0000

325.5585,
322.1758, 305.8481

0.0000, 0.0000,
0.0000

51.9758, 48.7982,
40.8620

51.9758, 48.7982,
40.8620

47.0050, 41.7406,
30.3135

57.7335, 56.8713,
53.3926

42.7822, 35.6513,
21.6421

64.3067, 65.9912,
67.9968

39.2714, 30.4895,
14.7376

71.7274, 76.1962,
84.7642

36.4313, 26.2088,
9.4770

80.0248, 87.5206,
103.7783

34.2168, 22.7586,
5.7215

83.9343, 94.2697,
108.3798

■ 32.5763, 20.0827,
3.3089

■ 31.4467, 18.1166,
2.0290

■ 31.1861, 17.6531,
1.7637

Harmonies

Analogous

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



53.7334, 48.7982, 49.3653



51.9758, 48.7982, 40.8620



48.7504, 48.7982, 36.0920

Triad

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



51.9758, 48.7982, 40.8620



39.9701, 48.7982, 46.7355



47.7423, 48.7982, 75.7881

Complementary

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



51.9758, 48.7982, 40.8620



50.8850, 58.5546, 77.7278

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.



44.0900, 48.7982, 74.8372



51.9758, 48.7982, 40.8620



39.7323, 48.7982, 57.0876

Square

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



51.9758, 48.7982, 40.8620



41.8712, 48.7982, 39.1580



41.2032, 48.7982, 67.6432



51.2040, 48.7982, 70.0906

Rectangle

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



51.9758, 48.7982, 40.8620



46.2685, 48.7982, 35.2337



41.2032, 48.7982, 67.6432



46.4942, 48.7982, 76.2529

Sweetspot

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



51.9771, 48.8005, 40.8630



87.0505, 88.9807, 90.8815



54.5536, 45.9743, 66.3206



18.3285, 18.6251, 18.7733



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.



51.9771, 48.8005, 40.8630



67.4712, 61.5918, 48.0707



58.4775, 61.8013, 43.0298



13.9469, 14.1797, 14.3087



18.5906, 10.6192, 1.0699



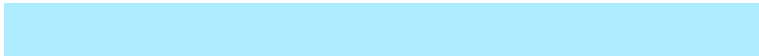
1.3543, 0.8674, 0.0961

Inverse Universe

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



50.8850, 58.5546, 77.7278



65.7474, 76.9003, 105.9857



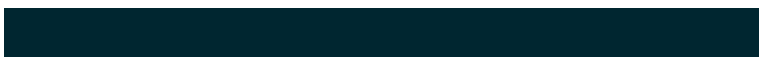
44.2058, 45.1961, 75.5014



13.8513, 15.0418, 17.5610



16.8934, 21.2564, 44.2609



1.2343, 1.6001, 3.0890

Previews

White Background



This preview shows how the XYZ color 51.9758, 48.7982, 40.8620 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 51.9758, 48.7982, 40.8620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

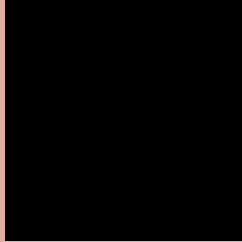
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9758, 48.7982, 40.8620

Background



This preview shows how black text looks on a background with the XYZ color 51.9758, 48.7982, 40.8620.



This preview shows how white text looks on a background with the XYZ color 51.9758, 48.7982,

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

51.9758, 48.7982, 40.8620

Protanopia

46.3163, 48.8254, 43.5423

Deuteranopia

49.9937, 48.9595, 40.5334



Tritanopia

54.5608, 49.0154, 52.4842

Trichromacy



Original Color

51.9758, 48.7982, 40.8620

Protanomaly

48.2172, 48.6017, 42.4371

Deuteranomaly

50.6723, 49.0129, 40.5079

Tritanomaly

53.6199, 48.9088, 48.2092

Monochromacy



Original Color

51.9758, 48.7982, 40.8620

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.8896, 49.4010, 49.6064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9758, 48.7982, 40.8620 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(222, 175, 162)` looks like.

```
.text, #text, p{  
    color:rgb(222, 175, 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(222, 175, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 175, 162) }
```

Border

The CSS property to change the border of an element to XYZ 51.9758, 48.7982, 40.8620 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(222, 175, 162) }
```


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

```
.border{ border-color:rgb(222, 175, 162) }
```

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

Here you see how a box with a 4 pixel rgb(222, 175, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 175, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 175, 162);  
box-shadow:4px 4px 4px 4px rgb(222, 175,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9758, 48.7982, 40.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 175, 162) }
```

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

```
.background{ background-color: rgb(222,  
175, 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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