

Converting Colors

XYZ(51.8376, 48.0467, 42.4986)

Have a look what the booklet for
XYZ(51.8376, 48.0467, 42.4986)
contains.

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Color

**XYZ(51.9507, 48.1699,
42.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	DEADA6
RGB	222, 173, 166
RGB Percent	87%, 68%, 65%
CMY	0.1294, 0.3215, 0.3490
CMYK	0.00, 0.22, 0.25, 0.13
HSL	8°, 46%, 76%
HSV	8°, 25%, 87%
XYZ	51.9507, 48.1699, 42.6360
YIQ	186.8530, 31.4510, 8.2110

Conversions

Conversions Part 2

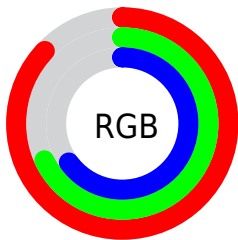
Format	Color
R _Y B	222, 174, 166
Decimal	14593446
CIE Lab	74.93, 16.86, 10.46
CIE LCh	75, 19.842, 31.813
Yxy	48.1699, 0.3639, 0.3374
Android (android.graphics.Color)	4292783526 (0xFFDEADA6)
YUV	186.8530, -10.2805, 30.8239
Hunter-Lab	69.4045, 12.1529, 12.1607

Details

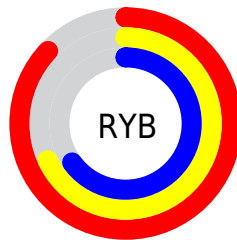
The XYZ color **51.9507, 48.1699, 42.6360** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2105, 61.9800, 78.2664**, and the grayscale version is **47.1960, 49.6539, 54.0731**.

A 20% lighter version of the original color is **82.3105, 82.5191, 79.9962**, and **25.4796, 22.7548, 18.9688** is the 20% darker color. If you saturate the color by 10%, you get **46.6299, 40.5107, 31.6677**, and if you desaturate by 10%, it is **58.1671, 57.0571, 55.6382**.

Distribution



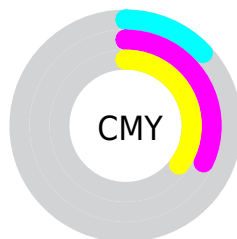
- Red (87%)
- Green (68%)
- Blue (65%)



- Red (87%)
- Yellow (68%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (25%)
- Black (13%)



- Cyan (13%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9507, 48.1699, 42.6360 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 51.9507, 48.1699, 42.6360 by changing the saturation by 10% instead.


 51.9507, 48.1699,
42.6360


 51.9507, 48.1699,
42.6360


384.5733,
379.4652, 372.9898

 37.1899, 33.9615,
29.2703


 92.2332, 87.4573,
80.4417

 25.5289, 22.8640,
19.0381


 118.4856,
113.3051, 105.7189

 16.6024, 14.4931,
11.5207


149.2992,
143.8014, 135.8036

 10.0449, 8.4644,
6.2997

185.0394,
179.3307, 171.1145

 5.4913, 4.3935,
2.9564

226.0716,
220.2773, 212.0700

 2.5760, 1.8960,
1.0724

272.7611,

 0.9337, 0.5460,

267.0256, 259.0887

0.0000

325.4732,
319.9601, 312.5891

■ 0.0000, 0.0000,
0.0000

■ 51.9507, 48.1699,
42.6360

■ 51.9507, 48.1699,
42.6360

■ 46.6299, 40.5107,
31.6677

■ 58.1671, 57.0571,
55.6382

■ 42.1596, 34.0191,
22.6273

■ 65.3138, 67.2159,
70.7668

■ 38.4963, 28.6394,
15.4042

■ 73.4285, 78.6962,
88.1124

■ 35.5914, 24.3091,
9.8747

■ 82.5455, 91.5432,
107.7592

■ 33.3907, 20.9591,
5.9002

■ 83.9343, 94.2697,
108.3798

■ 31.8329, 18.5120,
3.3197

■ 30.8453, 16.8787,
1.9368

■ 30.5341, 16.3492,
1.5464

Harmonies

Analogous

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



53.0916, 48.1699, 51.8213



51.9507, 48.1699, 42.6360



49.1477, 48.1699, 36.7816

Triad

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



51.9507, 48.1699, 42.6360



39.9247, 48.1699, 43.5935



46.0044, 48.1699, 74.9769

Complementary

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



51.9507, 48.1699, 42.6360



53.2105, 61.9800, 78.2664

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.



42.5775, 48.1699, 72.0321



51.9507, 48.1699, 42.6360



39.1799, 48.1699, 53.0814

Square

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



51.9507, 48.1699, 42.6360



42.2155, 48.1699, 37.2812



40.1258, 48.1699, 63.6624



49.5482, 48.1699, 71.2565

Rectangle

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



51.9507, 48.1699, 42.6360



46.7814, 48.1699, 35.1039



40.1258, 48.1699, 63.6624



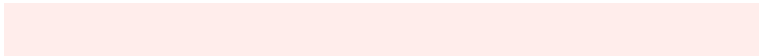
44.8010, 48.1699, 74.7322

Sweetspot

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



51.9520, 48.1721, 42.6370



86.5057, 87.8913, 90.7000



56.0866, 47.7329, 70.8624



18.1924, 18.3530, 18.7280



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.



51.9520, 48.1721, 42.6370



67.3240, 60.4902, 50.5106



57.7856, 59.8392, 44.5815



13.8447, 13.9753, 14.2746



18.1802, 9.7984, 0.9331



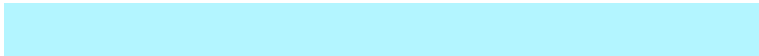
1.3060, 0.7709, 0.0800

Inverse Universe

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



53.2105, 61.9800, 78.2664



69.3082, 82.3105, 106.8423



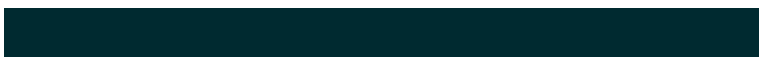
46.7807, 49.1205, 76.1231



13.9626, 15.2644, 17.5981



19.3777, 26.2249, 45.0890



1.3847, 1.9009, 3.1392

Previews

White Background



This preview shows how the XYZ color 51.9507, 48.1699, 42.6360 looks on a white background.

Color Contrast Check

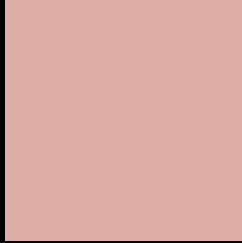
Large Text (above 18pt) WCAG AA × Fail

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 51.9507, 48.1699, 42.6360 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 51.9507, 48.1699, 42.6360

Background



This preview shows how black text looks on a background with the XYZ color 51.9507, 48.1699, 42.6360.



This preview shows how white text looks on a background with the XYZ color 51.9507, 48.1699,

42.6360.

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

51.9507, 48.1699, 42.6360

Protanopia

46.0727, 48.3359, 45.9312

Deuteranopia

49.2903, 48.2590, 42.3144



Tritanopia

53.6624, 48.0156, 51.2394

Trichromacy



Original Color

51.9507, 48.1699, 42.6360

Protanomaly

47.9341, 48.1014, 44.7883

Deuteranomaly

50.0484, 48.0634, 42.2366

Tritanomaly

52.9301, 47.9881, 48.0679

Monochromacy



Original Color

51.9507, 48.1699, 42.6360

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.6840, 48.9899, 49.5379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9507, 48.1699, 42.6360 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, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(222, 173, 166)  
}
```

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, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 173, 166) }
```

Border

The CSS property to change the border of an element to XYZ 51.9507, 48.1699, 42.6360 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, 173, 166) }
```


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

```
.border{ border-color:rgb(222, 173, 166) }
```

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

Here you see how a box with a 4 pixel rgb(222, 173, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(222, 173,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9507, 48.1699, 42.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 173, 166) }
```

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

```
.background{ background-color: rgb(222,  
173, 166) }
```

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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