

Converting Colors

XYZ(50.4858, 49.5119, 40.6141)

Have a look what the booklet for
XYZ(50.4858, 49.5119, 40.6141)
contains.

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Color

**XYZ(50.4858, 49.5119,
40.6141)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B4A1
RGB	214, 180, 161
RGB Percent	84%, 71%, 63%
CMY	0.1608, 0.2941, 0.3686
CMYK	0.00, 0.16, 0.25, 0.16
HSL	22°, 39%, 74%
HSV	22°, 25%, 84%
XYZ	50.4858, 49.5119, 40.6141
YIQ	188.0000, 26.3630, 1.2990

Conversions

Conversions Part 2

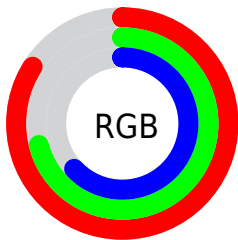
Format	Color
R_{YB}	214, 191, 161
Decimal	14070945
CIE Lab	75.77, 9.38, 14.25
CIE LCh	76, 17.060, 56.663
Yxy	49.5119, 0.3590, 0.3521
Android (android.graphics.Color)	4292261025 (0xFFD6B4A1)
YUV	188.0000, -13.3110, 22.8020
Hunter-Lab	70.3647, 4.9333, 15.0334

Details

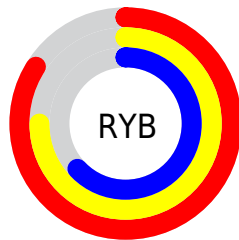
The XYZ color **50.4858, 49.5119, 40.6141** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.3501, 51.4607, 71.1084**, and the grayscale version is **47.8638, 50.3565, 54.8382**.

A 20% lighter version of the original color is **83.6301, 86.2088, 77.1979**, and **24.6478, 23.6538, 17.7346** is the 20% darker color. If you saturate the color by 10%, you get **46.1229, 43.5519, 30.6326**, and if you desaturate by 10%, it is **55.4488, 56.1546, 52.3903**.

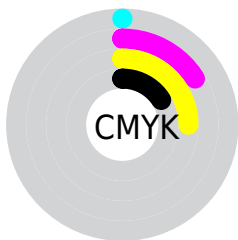
Distribution



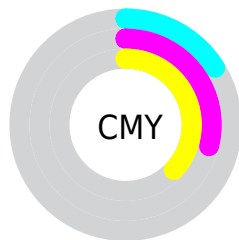
- Red (84%)
- Green (71%)
- Blue (63%)



- Red (84%)
- Yellow (75%)
- Blue (63%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4858, 49.5119, 40.6141 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 50.4858, 49.5119, 40.6141 by changing the saturation by 10% instead.


 50.4858, 49.5119,
40.6141


 50.4858, 49.5119,
40.6141


378.9833,
384.7541, 364.3339

 36.0189, 35.0257,
27.7002


 90.0818, 89.4513,
77.3450

 24.6190, 23.6827,
17.8628


 115.9416,
115.6732, 101.9992

 15.9206, 15.0984,
10.6831


146.3297,
146.5759, 131.4039

 9.5585, 8.8885,
5.7427

181.6116,
182.5438, 165.9776

 5.1672, 4.6685,
2.6230

222.1526,
223.9611, 206.1389

 2.3815, 2.0541,
0.9043

268.3179,

 0.8359, 0.6386,

271.2123, 252.3064

0.0000

320.4731,
324.6819, 304.8986

■ 0.0000, 0.0000,
0.0000

■ 50.4858, 49.5119,
40.6141

■ 50.4858, 49.5119,
40.6141

■ 46.1229, 43.5519,
30.6326

■ 55.4488, 56.1546,
52.3903

■ 42.3317, 38.2452,
22.3533

■ 61.0309, 63.4944,
66.0410

■ 39.0875, 33.5704,
15.6804

■ 67.2550, 71.5540,
81.6450

■ 36.3616, 29.5021,
10.5069

■ 74.1416, 80.3529,
99.2756

■ 34.1227, 26.0130,
6.7127

■ 79.5455, 89.0439,
107.6024

■ 32.3352, 23.0731,
4.1590

■ 81.5416, 93.0362,
108.2678

■ 30.9573, 20.6490,
2.6768

■ 30.3670, 19.5669,
2.1763

Harmonies

Analogous

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



52.7135, 49.5119, 46.4573



50.4858, 49.5119, 40.6141



47.4149, 49.5119, 38.3079

Triad

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



50.4858, 49.5119, 40.6141



41.2389, 49.5119, 52.9013



49.8452, 49.5119, 71.0439

Complementary

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



50.4858, 49.5119, 40.6141



46.3501, 51.4607, 71.1084

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.



46.7060, 49.5119, 73.2600



50.4858, 49.5119, 40.6141



41.8251, 49.5119, 62.1201

Square

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



50.4858, 49.5119, 40.6141



42.1536, 49.5119, 44.8832



43.7920, 49.5119, 69.8308



52.3321, 49.5119, 64.0726

Rectangle

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



50.4858, 49.5119, 40.6141



45.3351, 49.5119, 38.8702



43.7920, 49.5119, 69.8308



48.8272, 49.5119, 72.4013

Sweetspot

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



50.4871, 49.5142, 40.6151



88.7636, 91.8144, 93.2793



50.3781, 43.7470, 57.6861



18.8878, 19.5063, 19.6919



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.



50.4871, 49.5142, 40.6151



71.3809, 68.6039, 51.8629



56.2482, 61.0363, 42.5355



12.7841, 13.1423, 13.0236



18.4447, 12.0067, 1.3454



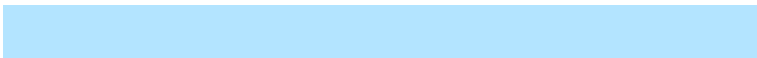
1.1896, 0.8784, 0.1069

Inverse Universe

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



46.3501, 51.4607, 71.1084



64.1500, 71.9942, 105.1229



41.0148, 40.7901, 69.3300



12.4002, 13.3239, 15.8557



12.8679, 13.9976, 40.4767



0.8532, 0.9983, 2.4670

Previews

White Background



This preview shows how the XYZ color 50.4858, 49.5119, 40.6141 looks on a white background.

Color Contrast Check

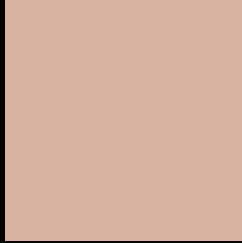
Large Text (above 18pt) WCAG AA × Fail

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 50.4858, 49.5119, 40.6141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

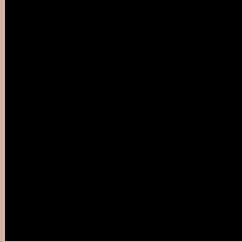
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4858, 49.5119, 40.6141

Background



This preview shows how black text looks on a background with the XYZ color 50.4858, 49.5119, 40.6141.



This preview shows how white text looks on a background with the XYZ color 50.4858, 49.5119,

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

50.4858, 49.5119, 40.6141

Protanopia

47.0247, 49.5339, 42.2045

Deuteranopia

50.4858, 49.5119, 40.6141



Tritanopia

53.4349, 49.5201, 55.4572

Trichromacy



Original Color

50.4858, 49.5119, 40.6141

Protanomaly

48.3800, 49.6218, 41.6784

Deuteranomaly

50.4858, 49.5119, 40.6141

Tritanomaly

52.1777, 49.2979, 49.4132

Monochromacy



Original Color

50.4858, 49.5119, 40.6141

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.4108, 49.7826, 49.1770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4858, 49.5119, 40.6141 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(214, 180, 161) looks like.

```
.text, #text, p{  
    color:rgb(214, 180, 161)  
}
```

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(214, 180, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 180, 161) }
```

Border

The CSS property to change the border of an element to XYZ 50.4858, 49.5119, 40.6141 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(214, 180, 161) }
```


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

```
.border{ border-color:rgb(214, 180, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 180, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 180, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 180, 161);  
box-shadow:4px 4px 4px 4px rgb(214, 180,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4858, 49.5119, 40.6141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 180, 161) }
```

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

```
.background{ background-color: rgb(214,  
180, 161) }
```

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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