

Converting Colors

XYZ(49.3326, 48.9174, 40.5601)

Have a look what the booklet for
XYZ(49.3326, 48.9174, 40.5601)
contains.

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Color

**XYZ(49.3326, 48.9174,
40.5601)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B4A1
RGB	210, 180, 161
RGB Percent	82%, 71%, 63%
CMY	0.1765, 0.2941, 0.3686
CMYK	0.00, 0.14, 0.23, 0.18
HSL	23°, 35%, 73%
HSV	23°, 23%, 82%
XYZ	49.3326, 48.9174, 40.5601
YIQ	186.8040, 23.9790, 0.4510

Conversions

Conversions Part 2

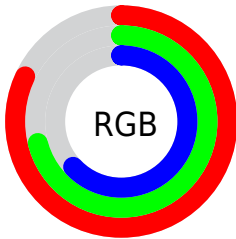
Format	Color
R _Y B	210, 192, 161
Decimal	13808801
CIE Lab	75.40, 7.86, 13.68
CIE LCh	75, 15.777, 60.127
Yxy	48.9174, 0.3554, 0.3524
Android (android.graphics.Color)	4291998881 (0xFFD2B4A1)
YUV	186.8040, -12.7214, 20.3429
Hunter-Lab	69.9410, 3.5076, 14.5753

Details

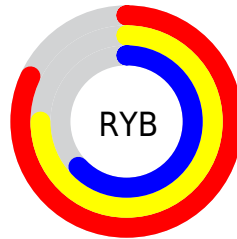
The XYZ color **49.3326, 48.9174, 40.5601** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9611, 49.4903, 68.1558**, and the grayscale version is **47.1847, 49.6419, 54.0601**.

A 20% lighter version of the original color is **83.6301, 86.2088, 77.1979**, and **23.8673, 23.2514, 17.6980** is the 20% darker color. If you saturate the color by 10%, you get **45.1584, 43.2876, 30.7867**, and if you desaturate by 10%, it is **54.0612, 55.1575, 52.0539**.

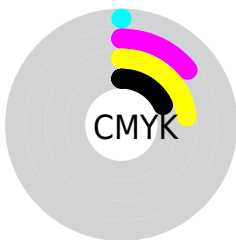
Distribution



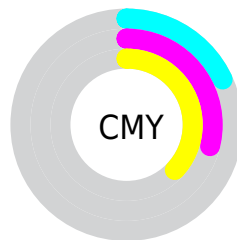
- Red (82%)
- Green (71%)
- Blue (63%)



- Red (82%)
- Yellow (75%)
- Blue (63%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (18%)





- Cyan (18%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.3326, 48.9174, 40.5601 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 49.3326, 48.9174, 40.5601 by changing the saturation by 10% instead.


 49.3326, 48.9174,
40.5601


 49.3326, 48.9174,
40.5601

374.5455,
382.4171, 364.1007

 35.0990, 34.5540,
27.6584


 88.3830, 88.5688,
77.2621

 23.9060, 23.3195,
17.8315


 113.9305,
114.6255, 101.8994

 15.3883, 14.8296,
10.6609

143.9800,
145.3487, 131.2857

 9.1804, 8.6999,
5.7280

178.8970,
181.1229, 165.8395

 4.9171, 4.5459,
2.6143

219.0466,
222.3325, 205.9794

 2.2330, 1.9834,
0.8998

264.7943,

 0.7600, 0.5978,

269.3617, 252.1239

0.0000

316.5055,
322.5951, 304.6915

■ 0.0000, 0.0000,
0.0000

■ 49.3326, 48.9174,
40.5601

■ 49.3326, 48.9174,
40.5601

■ 45.1584, 43.2876,
30.7867

■ 54.0612, 55.1575,
52.0539

■ 41.5126, 38.2423,
22.6467

■ 59.3610, 62.0195,
65.3431

■ 38.3729, 33.7632,
16.0501

■ 65.2529, 69.5231,
80.5022

■ 35.7136, 29.8287,
10.8966

■ 71.7555, 77.6852,
97.6002

■ 33.5065, 26.4156,
7.0743

■ 77.0639, 85.7927,
107.1057

■ 31.7195, 23.4985,
4.4541

■ 80.3884, 92.4417,
108.2138

■ 30.3154, 21.0489,
2.8805

■ 29.5542, 19.6533,
2.2358

Harmonies

Analogous

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



51.4951, 48.9174, 45.6299



49.3326, 48.9174, 40.5601



46.4821, 48.9174, 38.8133

Triad

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



49.3326, 48.9174, 40.5601



41.1293, 48.9174, 53.2983



49.3549, 48.9174, 68.3321

Complementary

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



49.3326, 48.9174, 40.5601



44.9611, 49.4903, 68.1558

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.



46.5069, 48.9174, 70.9154



49.3326, 48.9174, 40.5601



41.8286, 48.9174, 61.7025

Square

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



49.3326, 48.9174, 40.5601



41.8170, 48.9174, 45.6854



43.7674, 48.9174, 68.3740



51.5084, 48.9174, 61.6347

Rectangle

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



49.3326, 48.9174, 40.5601



44.5987, 48.9174, 39.6098



43.7674, 48.9174, 68.3740



48.4433, 48.9174, 69.7397

Sweetspot

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



49.3339, 48.9196, 40.5611



88.9207, 92.1285, 93.3317



48.7514, 42.9631, 55.1389



18.9241, 19.5790, 19.7040



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.



49.3339, 48.9196, 40.5611



73.2168, 71.4378, 55.0578



54.6719, 59.5957, 42.3405



12.1793, 12.5494, 12.3924



18.1185, 12.1700, 1.3941



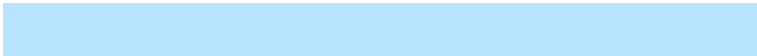
1.0892, 0.8327, 0.1033

Inverse Universe

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



44.9611, 49.4903, 68.1558



65.2748, 72.4677, 105.1551



40.0982, 39.7646, 66.5348



11.7574, 12.6050, 15.0570



11.9487, 12.5439, 38.9840



0.7439, 0.8529, 2.2050

Previews

White Background



This preview shows how the XYZ color 49.3326, 48.9174, 40.5601 looks on a white background.

Color Contrast Check

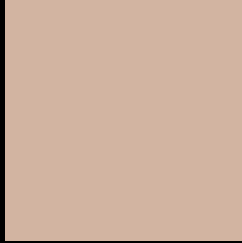
Large Text (above 18pt) WCAG AA × Fail

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 49.3326, 48.9174, 40.5601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

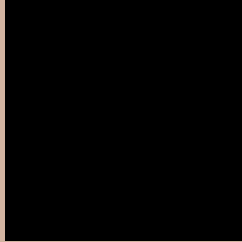
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.3326, 48.9174, 40.5601

Background



This preview shows how black text looks on a background with the XYZ color 49.3326, 48.9174, 40.5601.



This preview shows how white text looks on a background with the XYZ color 49.3326, 48.9174,

40.5601.

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

49.3326, 48.9174, 40.5601

Protanopia

46.2979, 48.8476, 42.1103

Deuteranopia

49.9937, 48.9595, 40.5334



Tritanopia

52.2602, 48.9145, 55.4022

Trichromacy



Original Color

49.3326, 48.9174, 40.5601

Protanomaly

47.3638, 48.7907, 41.5715

Deuteranomaly

49.7045, 48.8105, 40.5199

Tritanomaly

51.0102, 48.6960, 49.3586

Monochromacy



Original Color

49.3326, 48.9174, 40.5601

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.6820, 49.0974, 49.0831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3326, 48.9174, 40.5601 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(210, 180, 161)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 180, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 180, 161) }
```

Border

The CSS property to change the border of an element to XYZ 49.3326, 48.9174, 40.5601 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(210, 180, 161) }
```


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

```
.border{ border-color:rgb(210, 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(210, 180, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 180, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 180, 161); box-shadow:4px 4px 4px 4px rgb(210, 180, 161) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3326, 48.9174, 40.5601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 180, 161) }
```

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

```
.background{ background-color: rgb(210,  
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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