

Converting Colors

XYZ(48.6669, 50.3627, 28.9814)

Have a look what the booklet for
XYZ(48.6669, 50.3627, 28.9814)
contains.

XYZ(48.6652, 50.3609, 28.9855)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.6652, 50.3609,
28.9855)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B984
RGB	212, 185, 132
RGB Percent	83%, 73%, 52%
CMY	0.1686, 0.2745, 0.4823
CMYK	0.00, 0.13, 0.38, 0.17
HSL	40°, 48%, 67%
HSV	40°, 38%, 83%
XYZ	48.6652, 50.3609, 28.9855
YIQ	187.0310, 33.1050, -10.7590

Conversions

Conversions Part 2

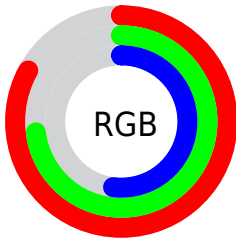
Format	Color
R_{YB}	173, 212, 132
Decimal	13941124
CIE _{Lab}	76.29, 2.20, 30.46
CIE _{LCh}	76, 30.542, 85.869
Yxy	50.3609, 0.3802, 0.3934
Android (android.graphics.Color)	4292131204 (0xFFD4B984)
YUV	187.0310, -27.1303, 21.8978
Hunter-Lab	70.9654, -1.7814, 25.4591

Details

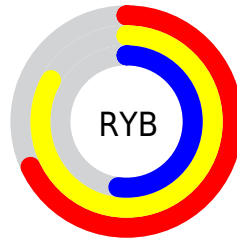
The XYZ color **48.6652, 50.3609, 28.9855** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.7972, 34.4542, 67.1564**, and the grayscale version is **47.3878, 49.8557, 54.2928**.

A 20% lighter version of the original color is **81.5582, 87.7158, 59.0866**, and **23.4846, 24.1796, 11.4120** is the 20% darker color. If you saturate the color by 10%, you get **45.9006, 46.9222, 21.6194**, and if you desaturate by 10%, it is **51.8024, 54.0728, 37.9313**.

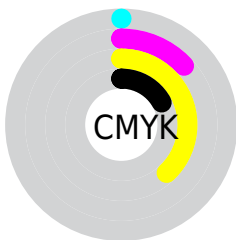
Distribution



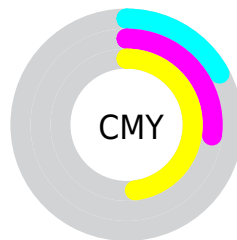
- Red (83%)
- Green (73%)
- Blue (52%)



- Red (68%)
- Yellow (83%)
- Blue (52%)



- Cyan (0%)
- Magenta (13%)
- Yellow (38%)
- Black (17%)



- Cyan (17%)
- Magenta (27%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6652, 50.3609, 28.9855 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 48.6652, 50.3609, 28.9855 by changing the saturation by 10% instead.

■ 48.6652, 50.3609,
28.9855

■ 48.6652, 50.3609,
28.9855

371.9617,
388.0756, 311.2053

■ 34.5674, 35.7002,
18.8244

■ 87.3977, 90.7094,
59.0960

■ 23.4948, 24.2028,
11.3679

■ 112.7632,
117.1660, 79.8824

■ 15.0820, 15.4841,
6.1976

■ 142.6152,
148.3234, 105.0476

■ 8.9636, 9.1598,
2.8949

177.3192,
184.5659, 135.0102

■ 4.7744, 4.8456,
1.0412

217.2404,
226.2780, 170.1888

■ 2.1489, 2.1570,
0.0000

262.7444,

■ 0.7156, 0.6964,

273.8441, 211.0018

0.0000

314.1963,
327.6485, 257.8678

■ 0.0000, 0.0000,
0.0000

■ 48.6652, 50.3609,
28.9855

■ 48.6652, 50.3609,
28.9855

■ 45.9006, 46.9222,
21.6194

■ 51.8024, 54.0728,
37.9313

■ 43.4859, 43.7403,
15.7350

■ 55.3261, 58.0597,
48.5408

■ 41.4011, 40.8074,
11.2279

■ 59.2537, 62.3321,
60.8955

■ 39.6227, 38.1121,
7.9788

■ 63.6006, 66.8977,
75.0710

■ 38.1228, 35.6415,
5.8476

■ 68.3811, 71.7639,
91.1381

■ 36.8630, 33.3783,
4.6376

■ 72.9249, 76.6642,
105.5618

■ 36.5972, 32.8887,
4.4193

■ 74.9331, 80.6804,
106.2312

■ 77.0236, 84.8615,
106.9281

■ 79.1974, 89.2092,
107.6527

Harmonies

Analogous

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



54.3230, 50.3609, 32.6304



48.6652, 50.3609, 28.9855



43.2154, 50.3609, 31.0474

Triad

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



48.6652, 50.3609, 28.9855



38.6156, 50.3609, 69.7972



57.5850, 50.3609, 74.5278

Complementary

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



48.6652, 50.3609, 28.9855



33.7972, 34.4542, 67.1564

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.



52.8399, 50.3609, 88.4355



48.6652, 50.3609, 28.9855



41.9430, 50.3609, 85.3439

Square

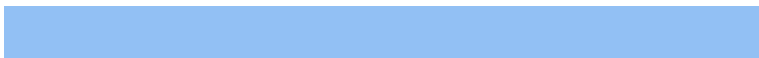
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.6652, 50.3609, 28.9855



37.6905, 50.3609, 52.5910



47.0766, 50.3609, 92.7420



59.7267, 50.3609, 57.1408

Rectangle

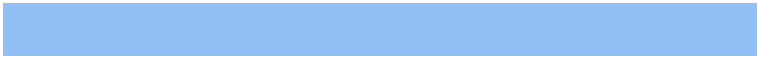
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.6652, 50.3609, 28.9855



40.3812, 50.3609, 35.6559



47.0766, 50.3609, 92.7420



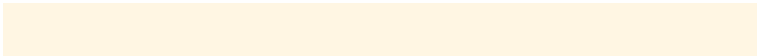
56.2240, 50.3609, 79.8900

Sweetspot

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



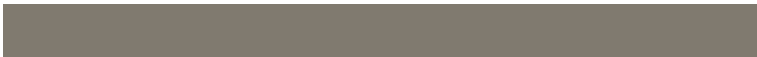
48.6665, 50.3632, 28.9865



87.9127, 92.4322, 85.8446



41.7482, 33.0382, 37.4349



18.6403, 19.5928, 17.8166



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.



48.6665, 50.3632, 28.9865



70.6194, 72.4155, 35.1633



51.5280, 61.0324, 30.8951



13.1035, 13.7812, 13.1301



22.6892, 20.4956, 2.7602



1.4436, 1.3864, 0.1915

Inverse Universe

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



33.7972, 34.4542, 67.1564



45.0217, 45.0459, 100.9296



31.6371, 27.1859, 65.8673



12.0817, 12.6868, 15.7495



8.8319, 5.9257, 39.1314



0.6081, 0.5082, 2.3854

Previews

White Background



This preview shows how the XYZ color 48.6652, 50.3609, 28.9855 looks on a white background.

Color Contrast Check

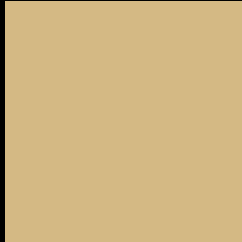
Large Text (above 18pt) WCAG AA × Fail

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 48.6652, 50.3609, 28.9855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

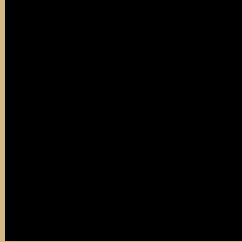
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.6652, 50.3609, 28.9855

Background



This preview shows how black text looks on a background with the XYZ color 48.6652, 50.3609, 28.9855.



This preview shows how white text looks on a background with the XYZ color 48.6652, 50.3609,

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

48.6652, 50.3609, 28.9855

Protanopia

46.8455, 50.3564, 29.4410

Deuteranopia

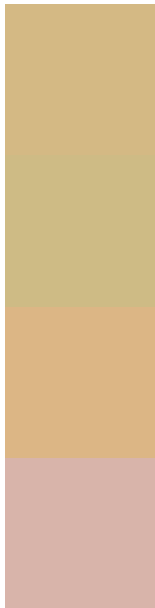
51.2954, 50.1833, 29.1731



Tritanopia

54.0396, 50.1113, 56.1145

Trichromacy



Original Color

48.6652, 50.3609, 28.9855

Protanomaly

47.4576, 50.3559, 29.4087

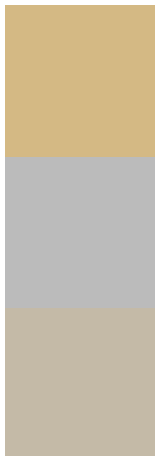
Deuteranomaly

50.4768, 50.3650, 29.2513

Tritanomaly

51.8959, 50.1437, 44.9737

Monochromacy



Original Color

48.6652, 50.3609, 28.9855

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.2989, 49.6436, 43.6485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6652, 50.3609, 28.9855 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(212, 185, 132)` looks like.

```
.text, #text, p{  
    color:rgb(212, 185, 132)  
}
```

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(212, 185, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 185, 132) }
```

Border

The CSS property to change the border of an element to XYZ 48.6652, 50.3609, 28.9855 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(212, 185, 132) }
```


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

```
.border{ border-color:rgb(212, 185, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 185, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 185, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 185, 132);  
box-shadow:4px 4px 4px 4px rgb(212, 185,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6652, 50.3609, 28.9855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 185, 132) }
```

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

```
.background{ background-color: rgb(212,  
185, 132) }
```

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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