

Converting Colors

XYZ(49.1150, 48.8082, 25.8884)

Have a look what the booklet for
XYZ(49.1150, 48.8082, 25.8884)
contains.

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Color

**XYZ(49.2734, 48.9111,
25.9126)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB37C
RGB	220, 179, 124
RGB Percent	86%, 70%, 49%
CMY	0.1373, 0.2980, 0.5137
CMYK	0.00, 0.19, 0.44, 0.14
HSL	34°, 58%, 67%
HSV	34°, 44%, 86%
XYZ	49.2734, 48.9111, 25.9126
YIQ	184.9890, 42.0910, -8.4130

Conversions

Conversions Part 2

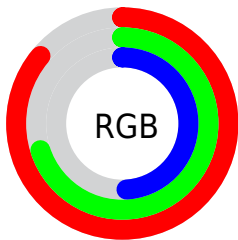
Format	Color
R_{YB}	196, 220, 124
Decimal	14463868
CIE _{Lab}	75.40, 7.71, 33.64
CIE _{LCh}	75, 34.512, 77.084
Yxy	48.9111, 0.3971, 0.3941
Android (android.graphics.Color)	4292653948 (0xFFDCB37C)
YUV	184.9890, -30.0676, 30.7046
Hunter-Lab	69.9365, 3.3725, 26.9876

Details

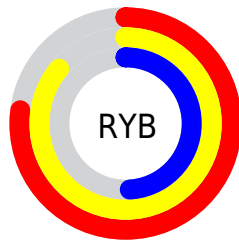
The XYZ color **49.2734, 48.9111, 25.9126** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.6851, 36.3613, 72.9004**, and the grayscale version is **46.2546, 48.6635, 52.9945**.

A 20% lighter version of the original color is **78.8841, 83.8510, 53.6222**, and **23.8011, 23.2027, 9.7027** is the 20% darker color. If you saturate the color by 10%, you get **46.2154, 44.7788, 18.7782**, and if you desaturate by 10%, it is **52.7725, 53.4288, 34.7263**.

Distribution



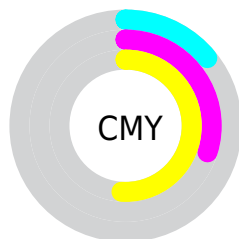
- Red (86%)
- Green (70%)
- Blue (49%)



- Red (77%)
- Yellow (86%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (44%)
- Black (14%)





- Cyan (14%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2734, 48.9111, 25.9126 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 49.2734, 48.9111, 25.9126 by changing the saturation by 10% instead.


 49.2734, 48.9111,
25.9126

 49.2734, 48.9111,
25.9126


374.3168,
382.3922, 295.9446

 35.0518, 34.5490,
16.5331


 88.2957, 88.5594,
54.1163

 23.8695, 23.3156,
9.7437


 113.8271,
114.6144, 73.7775

 15.3611, 14.8268,
5.1260


 143.8591,
145.3357, 97.7031

 9.1611, 8.6979,
2.2614

178.7572,
181.1079, 126.3115

 4.9044, 4.5447,
0.7094

218.8867,
222.3152, 160.0213

 2.2255, 1.9827,
0.0000

264.6128,

 0.7561, 0.5974,

269.3421, 199.2511

0.0000

316.3011,
322.5730, 244.4193

■ 0.0000, 0.0000,
0.0000

■ 49.2734, 48.9111,
25.9126

■ 49.2734, 48.9111,
25.9126

■ 46.2154, 44.7788,
18.7782

■ 52.7725, 53.4288,
34.7263

■ 43.5715, 41.0116,
13.2093

■ 56.7305, 58.3374,
45.3169

■ 41.3169, 37.5970,
9.0826


■ 61.1684, 63.6511,
57.7782


■ 39.4216, 34.5190,
6.2543


■ 66.1049, 69.3809,
72.1963


■ 37.8501, 31.7587,
4.5507


■ 71.5574, 75.5376,
88.6520

 36.9828, 30.1509,
3.8705

 77.3806, 82.0665,
106.3698

 80.1475, 87.6004,
107.2921

 83.0587, 93.4228,
108.2625

 83.3251, 93.9556,
108.3513

Harmonies

Analogous

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



55.3142, 48.9111, 31.5206



49.2734, 48.9111, 25.9126



42.9909, 48.9111, 26.3221

Triad

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



49.2734, 48.9111, 25.9126



35.7604, 48.9111, 64.2107



56.0227, 48.9111, 80.8123

Complementary

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



49.2734, 48.9111, 25.9126



34.6851, 36.3613, 72.9004

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.



50.1709, 48.9111, 94.1939



49.2734, 48.9111, 25.9126



38.6554, 48.9111, 83.2116

Square

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



49.2734, 48.9111, 25.9126



35.5677, 48.9111, 45.8110



43.8106, 48.9111, 95.1604



59.4431, 48.9111, 61.4665

Rectangle

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



49.2734, 48.9111, 25.9126



39.5037, 48.9111, 29.9346



43.8106, 48.9111, 95.1604



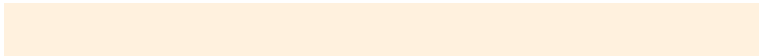
54.2517, 48.9111, 86.3315

Sweetspot

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



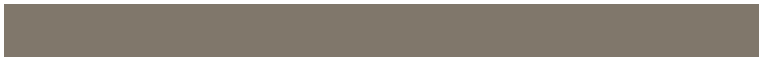
49.2746, 48.9134, 25.9136



85.8138, 89.3441, 81.7241



43.5694, 32.3699, 39.8364



18.0579, 18.7575, 16.6063



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.



49.2746, 48.9134, 25.9136



65.0578, 63.2352, 27.3193



56.8463, 66.8776, 28.9820



13.6723, 14.2840, 13.7621



21.8175, 17.9206, 2.3091



1.4983, 1.3306, 0.1779

Inverse Universe

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



34.6851, 36.3613, 72.9004



42.2578, 43.6367, 100.8033



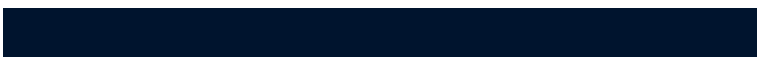
29.3938, 24.3607, 70.8629



12.7936, 13.5269, 16.5888



10.0335, 7.9365, 40.7415



0.7343, 0.6828, 2.6675

Previews

White Background



This preview shows how the XYZ color 49.2734, 48.9111, 25.9126 looks on a white background.

Color Contrast Check

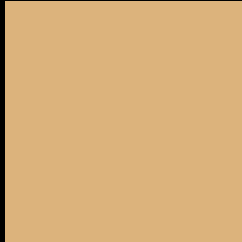
Large Text (above 18pt) WCAG AA × Fail

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 49.2734, 48.9111, 25.9126 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 49.2734, 48.9111, 25.9126

Background



This preview shows how black text looks on a background with the XYZ color 49.2734, 48.9111, 25.9126.



This preview shows how white text looks on a background with the XYZ color 49.2734, 48.9111,

25.9126.

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

49.2734, 48.9111, 25.9126

Protanopia

45.4771, 49.0676, 27.1528

Deuteranopia

49.9899, 48.9840, 25.8889



Tritanopia

54.5787, 48.7553, 51.8815

Trichromacy



Original Color

49.2734, 48.9111, 25.9126

Protanomaly

46.7118, 48.7832, 26.6928

Deuteranomaly

49.6827, 48.8256, 25.8745

Tritanomaly

52.3981, 48.7280, 40.8262

Monochromacy



Original Color

49.2734, 48.9111, 25.9126

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.8330, 48.5171, 41.5467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2734, 48.9111, 25.9126 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(220, 179, 124)` looks like.

```
.text, #text, p{  
    color:rgb(220, 179, 124)  
}
```

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(220, 179, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 179, 124) }
```

Border

The CSS property to change the border of an element to XYZ 49.2734, 48.9111, 25.9126 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(220, 179, 124) }
```


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

```
.border{ border-color:rgb(220, 179, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 179, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 179, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 179, 124);  
box-shadow:4px 4px 4px 4px rgb(220, 179,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2734, 48.9111, 25.9126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 179, 124) }
```

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

```
.background{ background-color: rgb(220,  
179, 124) }
```

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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