

Converting Colors

XYZ(49.1907, 50.0277, 25.1313)

Have a look what the booklet for
XYZ(49.1907, 50.0277, 25.1313)
contains.

XYZ(49.2981, 50.1529, 25.1713)	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(49.2981, 50.1529,
25.1713)**

Conversions

Conversions Part 1

Format	Color
Hex	DAB779
RGB	218, 183, 121
RGB Percent	85%, 72%, 47%
CMY	0.1451, 0.2823, 0.5255
CMYK	0.00, 0.16, 0.44, 0.15
HSL	38°, 57%, 66%
HSV	38°, 44%, 85%
XYZ	49.2981, 50.1529, 25.1713
YIQ	186.3970, 40.7620, -11.8620

Conversions

Conversions Part 2

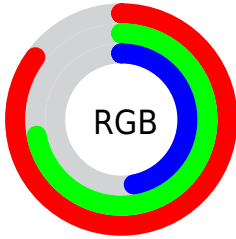
Format	Color
RYB	176, 218, 121
Decimal	14333817
CIELab	76.16, 4.48, 36.15
CIELCh	76, 36.430, 82.944
Yxy	50.1529, 0.3956, 0.4024
Android (android.graphics.Color)	4292523897 (0xFFDAB779)
YUV	186.3970, -32.2407, 27.7158
Hunter-Lab	70.8187, 0.3241, 28.4995

Details

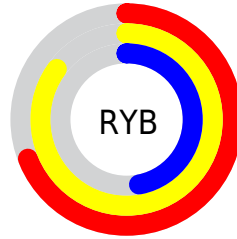
The XYZ color **49.2981, 50.1529, 25.1713** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **32.4280, 32.9025, 70.9711**, and the grayscale version is **47.0552, 49.5057, 53.9118**.

A 20% lighter version of the original color is **79.7465, 86.0490, 52.4504**, and **23.8179, 23.9973, 9.3378** is the 20% darker color. If you saturate the color by 10%, you get **46.5326, 46.5250, 18.3827**, and if you desaturate by 10%, it is **52.4589, 54.0877, 33.5830**.

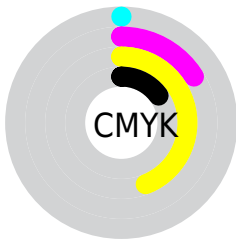
Distribution



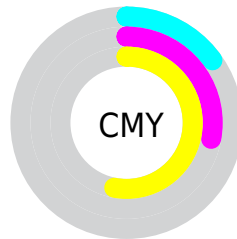
- Red (85%)
- Green (72%)
- Blue (47%)



- Red (69%)
- Yellow (85%)
- Blue (47%)



- Cyan (0%)
- Magenta (16%)
- Yellow (44%)
- Black (15%)





- Cyan (15%)
- Magenta (28%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2981, 50.1529, 25.1713 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 49.2981, 50.1529, 25.1713 by changing the saturation by 10% instead.


 49.2981, 50.1529,
25.1713


 49.2981, 50.1529,
25.1713


374.4122,
387.2636, 292.1649

 35.0715, 35.5349,
15.9845


 88.3321, 90.4014,
52.9025

 23.8847, 24.0752,
9.3590


 113.8702,
116.8006, 72.2841

 15.3724, 15.3894,
4.8761


 143.9096,
147.8958, 95.9010

 9.1692, 9.0931,
2.1173

178.8155,
184.0712, 124.1719

 4.9097, 4.8020,
0.6260

218.9534,
225.7113, 157.5151

 2.2286, 2.1316,
0.0000

264.6886,

 0.7577, 0.6823,

273.2005, 196.3493

0.0000

316.3864,
326.9231, 241.0931

■ 0.0000, 0.0000,
0.0000

■ 49.2981, 50.1529,
25.1713

■ 49.2981, 50.1529,
25.1713

■ 46.5326, 46.5250,
18.3827

■ 52.4589, 54.0877,
33.5830

■ 44.1365, 43.1857,
13.1052

■ 56.0313, 58.3327,
43.7137

■ 42.0865, 40.1251,
9.2172


■ 60.0351, 62.8998,
55.6553


■ 40.3540, 37.3293,
6.5768


■ 64.4877, 67.7982,
69.4922


■ 38.9049, 34.7822,
5.0110


■ 69.4054, 73.0365,
85.3035

 38.1970, 33.4727,
4.4477

 74.8036, 78.6230,
103.1639

 77.5551, 83.3089,
106.6004

 79.8960, 87.9907,
107.3807

 82.3382, 92.8750,
108.1947

Harmonies

Analogous

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



56.0164, 50.1529, 29.7840



49.2981, 50.1529, 25.1713



42.7371, 50.1529, 26.8089

Triad

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



49.2981, 50.1529, 25.1713



36.5830, 50.1529, 70.5969



58.9194, 50.1529, 80.5118

Complementary

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



49.2981, 50.1529, 25.1713



32.4280, 32.9025, 70.9711

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.



52.9661, 50.1529, 97.0118



49.2981, 50.1529, 25.1713



40.1947, 50.1529, 90.4001

Square

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



49.2981, 50.1529, 25.1713



35.8023, 50.1529, 50.1228



46.0759, 50.1529, 101.0066



61.9044, 50.1529, 59.3531

Rectangle

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



49.2981, 50.1529, 25.1713



39.2808, 50.1529, 31.4701



46.0759, 50.1529, 101.0066



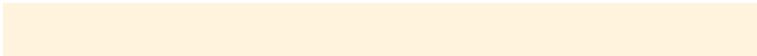
57.1733, 50.1529, 86.9744

Sweetspot

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



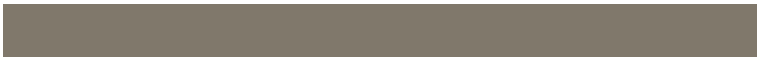
49.2993, 50.1553, 25.1723



86.4674, 90.6513, 81.9420



41.7999, 31.0001, 35.4856



18.2195, 19.0809, 16.6602



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.



49.2993, 50.1553, 25.1723



66.7507, 66.8716, 27.1110



53.7179, 64.5118, 27.7105



13.7466, 14.4326, 13.7868



22.9894, 20.2644, 2.6998



1.5700, 1.4740, 0.2018

Inverse Universe

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



32.4280, 32.9025, 70.9711



39.8901, 39.4327, 100.1166



29.3136, 23.8001, 69.3783



12.7213, 13.3823, 16.5647



9.3347, 6.5388, 40.5085



0.6849, 0.5838, 2.6510

Previews

White Background



This preview shows how the XYZ color 49.2981, 50.1529, 25.1713 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 49.2981, 50.1529, 25.1713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

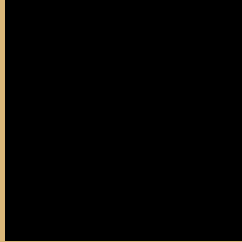
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2981, 50.1529, 25.1713

Background



This preview shows how black text looks on a background with the XYZ color 49.2981, 50.1529, 25.1713.



This preview shows how white text looks on a background with the XYZ color 49.2981, 50.1529,

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

49.2981, 50.1529, 25.1713

Protanopia

46.4602, 50.2339, 25.9863

Deuteranopia

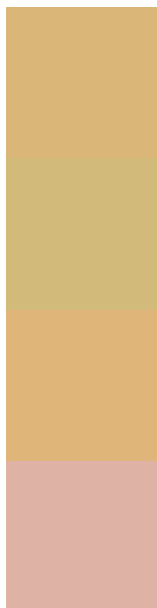
51.1981, 50.2164, 25.4067



Tritanopia

55.4584, 50.2983, 54.3625

Trichromacy



Original Color

49.2981, 50.1529, 25.1713

Protanomaly

47.3663, 50.0783, 25.5820

Deuteranomaly

50.4682, 50.1409, 25.4305

Tritanomaly

52.7454, 50.0507, 42.0027

Monochromacy



Original Color

49.2981, 50.1529, 25.1713

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.1593, 49.3123, 41.2151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2981, 50.1529, 25.1713 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(218, 183, 121)` looks like.

```
.text, #text, p{  
    color:rgb(218, 183, 121)  
}
```

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(218, 183, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 183, 121) }
```

Border

The CSS property to change the border of an element to XYZ 49.2981, 50.1529, 25.1713 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(218, 183, 121) }
```


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

```
.border{ border-color:rgb(218, 183, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 183, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 183, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 183, 121); box-shadow:4px 4px 4px 4px rgb(218, 183, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2981, 50.1529, 25.1713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 183, 121) }
```

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

```
.background{ background-color: rgb(218,  
183, 121) }
```

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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