

Converting Colors

XYZ(50.3146, 49.5564, 41.7580)

Have a look what the booklet for
XYZ(50.3146, 49.5564, 41.7580)
contains.

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Color

**XYZ(50.2861, 49.6891,
41.5909)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B5A3
RGB	212, 181, 163
RGB Percent	83%, 71%, 64%
CMY	0.1686, 0.2902, 0.3608
CMYK	0.00, 0.15, 0.23, 0.17
HSL	22°, 36%, 74%
HSV	22°, 23%, 83%
XYZ	50.2861, 49.6891, 41.5909
YIQ	188.2170, 24.2540, 0.9740

Conversions

Conversions Part 2

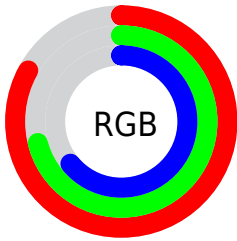
Format	Color
R _Y B	212, 191, 163
Decimal	13940131
CIE Lab	75.88, 8.37, 13.30
CIE LCh	76, 15.711, 57.811
Yxy	49.6891, 0.3552, 0.3510
Android (android.graphics.Color)	4292130211 (0xFFD4B5A3)
YUV	188.2170, -12.4320, 20.8577
Hunter-Lab	70.4905, 3.9789, 14.3610

Details

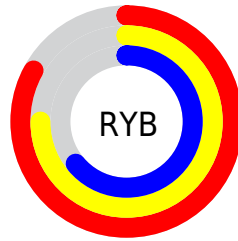
The XYZ color **50.2861, 49.6891, 41.5909** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.2793, 51.1223, 69.7161**, and the grayscale version is **47.9832, 50.4820, 54.9749**.

A 20% lighter version of the original color is **84.1791, 86.8903, 78.6645**, and **24.4930, 23.7541, 18.3330** is the 20% darker color. If you saturate the color by 10%, you get **45.9470, 43.8000, 31.5456**, and if you desaturate by 10%, it is **55.2088, 56.2351, 53.4028**.

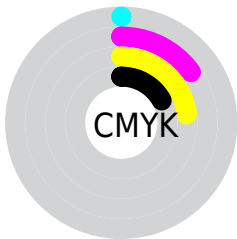
Distribution



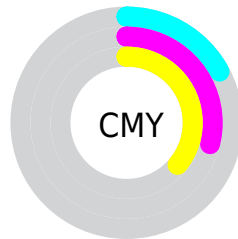
- Red (83%)
- Green (71%)
- Blue (64%)



- Red (83%)
- Yellow (75%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (17%)





- Cyan (17%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2861, 49.6891, 41.5909 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 50.2861, 49.6891, 41.5909 by changing the saturation by 10% instead.


 50.2861, 49.6891,
41.5909


 50.2861, 49.6891,
41.5909


378.2172,
385.4489, 368.5338

 35.8595, 35.1664,
28.4579

 89.7879, 89.7141,
78.8435

 24.4953, 23.7911,
18.4291


 115.5939,
115.9851, 103.8002

 15.8282, 15.1787,
11.0859

145.9236,
146.9412, 133.5352

 9.4927, 8.9449,
6.0097

181.1426,
182.9665, 168.4670

 5.1236, 4.7053,
2.7821

221.6160,
224.4455, 209.0143

 2.3555, 2.0754,
0.9845

267.7094,

 0.8228, 0.6507,

271.7627, 255.5954

0.0000

319.7880,
325.3023, 308.6291

■ 0.0000, 0.0000,
0.0000

■ 50.2861, 49.6891,
41.5909

■ 50.2861, 49.6891,
41.5909

■ 45.9470, 43.8000,
31.5456

■ 55.2088, 56.2351,
53.4028

■ 42.1643, 38.5399,
23.1779

■ 60.7330, 63.4513,
67.0584

■ 38.9144, 33.8887,
16.3954

■ 66.8807, 71.3592,
82.6337

■ 36.1703, 29.8228,
11.0956

■ 73.6714, 79.9769,
100.1998

■ 33.9020, 26.3165,
7.1638

■ 78.7867, 88.3874,
107.5157

■ 32.0763, 23.3420,
4.4680

■ 80.9615, 92.7371,
108.2407

■ 30.6538, 20.8682,
2.8495

■ 29.8685, 19.4311,
2.1763

Harmonies

Analogous

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



52.3762, 49.6891, 46.9346



50.2861, 49.6891, 41.5909



47.4430, 49.6891, 39.5584

Triad

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



50.2861, 49.6891, 41.5909



41.8309, 49.6891, 53.4904



49.8993, 49.6891, 69.6271

Complementary

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



50.2861, 49.6891, 41.5909



46.2793, 51.1223, 69.7161

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.



47.0136, 49.6891, 71.8361



50.2861, 49.6891, 41.5909



42.4287, 49.6891, 61.9664

Square

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



50.2861, 49.6891, 41.5909



42.6290, 49.6891, 45.9724



44.2965, 49.6891, 68.9021



52.1465, 49.6891, 63.1397

Rectangle

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



50.2861, 49.6891, 41.5909



45.5295, 49.6891, 40.1782



44.2965, 49.6891, 68.9021



48.9683, 49.6891, 70.9222

Sweetspot

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



50.2874, 49.6914, 41.5919



88.8111, 91.9094, 93.2951



49.9904, 44.0886, 56.9342



18.8988, 19.5283, 19.6955



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.



50.2874, 49.6914, 41.5919



72.8556, 70.7155, 54.9374



55.7058, 60.5281, 43.3981



12.7932, 13.1606, 13.0267



18.5270, 12.1713, 1.3728



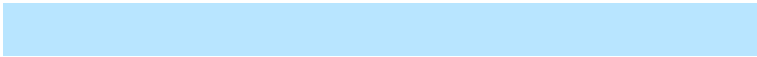
1.1952, 0.8896, 0.1087

Inverse Universe

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



46.2793, 51.1223, 69.7161



65.6759, 73.2699, 105.2888



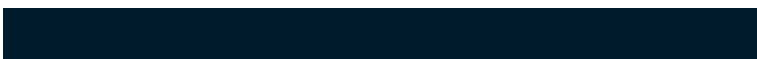
41.2759, 41.1154, 68.0483



12.3908, 13.3050, 15.8526



12.7068, 13.6754, 40.4231



0.8442, 0.9803, 2.4640

Previews

White Background



This preview shows how the XYZ color 50.2861, 49.6891, 41.5909 looks on a white background.

Color Contrast Check

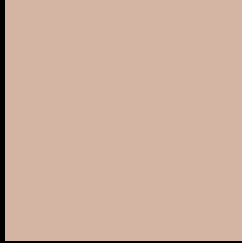
Large Text (above 18pt) WCAG AA × Fail

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 50.2861, 49.6891, 41.5909 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 50.2861, 49.6891, 41.5909

Background



This preview shows how black text looks on a background with the XYZ color 50.2861, 49.6891, 41.5909.



This preview shows how white text looks on a background with the XYZ color 50.2861, 49.6891,

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

50.2861, 49.6891, 41.5909

Protanopia

47.1589, 49.8959, 43.2217

Deuteranopia

50.6637, 49.5830, 41.5505



Tritanopia

53.1504, 49.6529, 56.0729

Trichromacy



Original Color

50.2861, 49.6891, 41.5909

Protanomaly

48.2279, 49.8320, 42.6740

Deuteranomaly

50.3727, 49.4330, 41.5369

Tritanomaly

51.9924, 49.4731, 50.5250

Monochromacy



Original Color

50.2861, 49.6891, 41.5909

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.5116, 49.8229, 49.7078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2861, 49.6891, 41.5909 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, 181, 163)` looks like.

```
.text, #text, p{  
    color:rgb(212, 181, 163)  
}
```

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, 181, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 181, 163) }
```

Border

The CSS property to change the border of an element to XYZ 50.2861, 49.6891, 41.5909 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, 181, 163) }
```


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

```
.border{ border-color:rgb(212, 181, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 181, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 181, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 181, 163);  
box-shadow:4px 4px 4px 4px rgb(212, 181,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2861, 49.6891, 41.5909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 181, 163) }
```

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

```
.background{ background-color: rgb(212,  
181, 163) }
```

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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