

Converting Colors

XYZ(49.2007, 50.5049, 34.7381)

Have a look what the booklet for
XYZ(49.2007, 50.5049, 34.7381)
contains.

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Color

**XYZ(49.1938, 50.5061,
34.7596)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B993
RGB	210, 185, 147
RGB Percent	82%, 73%, 58%
CMY	0.1765, 0.2745, 0.4235
CMYK	0.00, 0.12, 0.30, 0.18
HSL	36°, 41%, 70%
HSV	36°, 30%, 82%
XYZ	49.1938, 50.5061, 34.7596
YIQ	188.1430, 27.0980, -6.5180

Conversions

Conversions Part 2

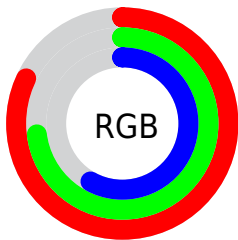
Format	Color
R _Y B	188, 210, 147
Decimal	13810067
CIE Lab	76.38, 3.26, 22.58
CIE LCh	76, 22.819, 81.783
Yxy	50.5061, 0.3659, 0.3756
Android (android.graphics.Color)	4292000147 (0xFFD2B993)
YUV	188.1430, -20.2835, 19.1686
Hunter-Lab	71.0676, -0.8087, 20.7483

Details

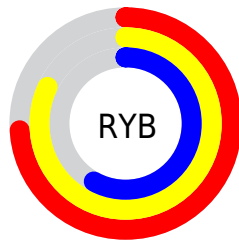
The XYZ color **49.1938, 50.5061, 34.7596** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.4178, 40.3602, 66.7386**, and the grayscale version is **47.9832, 50.4820, 54.9749**.

A 20% lighter version of the original color is **83.2379, 88.3876, 67.9318**, and **23.8802, 24.3156, 14.5011** is the 20% darker color. If you saturate the color by 10%, you get **46.0021, 46.5234, 26.2945**, and if you desaturate by 10%, it is **52.7911, 54.8181, 44.8451**.

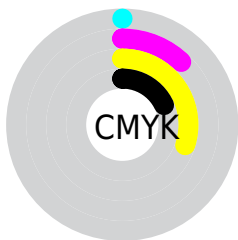
Distribution



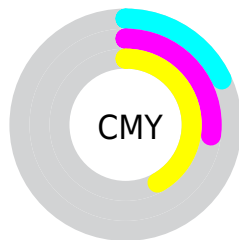
- Red (82%)
- Green (73%)
- Blue (58%)



- Red (74%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (12%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1938, 50.5061, 34.7596 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 49.1938, 50.5061, 34.7596 by changing the saturation by 10% instead.


 49.1938, 50.5061,
34.7596


 49.1938, 50.5061,
34.7596


374.0091,
388.6418, 338.3779

 34.9884, 35.8157,
23.1957


 88.1782, 90.9243,
68.2605

 23.8204, 24.2919,
14.5314

 113.6879,
117.4209, 91.0346

 15.3245, 15.5503,
8.3482


143.6965,
148.6216, 118.3825

 9.1352, 9.2065,
4.2276

178.5692,
184.9109, 150.7227

 4.8873, 4.8761,
1.7510

218.6715,
226.6732, 188.4738

 2.2154, 2.1748,
0.3954

264.3687,

 0.7508, 0.7062,

274.2929, 232.0544

0.0000

316.0261,
328.1543, 281.8829

■ 0.0000, 0.0000,
0.0000

■ 49.1938, 50.5061,
34.7596

■ 49.1938, 50.5061,
34.7596

■ 46.0021, 46.5234,
26.2945

■ 52.7911, 54.8181,
44.8451

■ 43.1941, 42.8531,
19.3599

■ 56.8069, 59.4618,
56.6283

■ 40.7512, 39.4867,
13.8617

■ 61.2584, 64.4486,
70.1851

■ 38.6517, 36.4125,
9.6940

■ 66.1604, 69.7870,
85.5858

■ 36.8708, 33.6177,
6.7362

■ 71.5270, 75.4851,
102.8972

■ 35.3797, 31.0875,
4.8453

■ 74.3359, 80.3366,
106.1963

■ 34.1268, 28.7983,
3.7600

■ 76.7776, 85.2199,
107.0102

■ 34.1267, 28.7982,
3.7599

■ 79.3324, 90.3296,
107.8618

■ 80.3885, 92.4417,
108.2139

Harmonies

Analogous

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



53.2934, 50.5061, 38.4344



49.1938, 50.5061, 34.7596



45.0066, 50.5061, 35.8348

Triad

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



49.1938, 50.5061, 34.7596



40.7414, 50.5061, 64.2381



54.7850, 50.5061, 70.9491

Complementary

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



49.1938, 50.5061, 34.7596



38.4178, 40.3602, 66.7386

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.



51.1327, 50.5061, 79.9903



49.1938, 50.5061, 34.7596



43.0777, 50.5061, 75.7313

Square

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



49.1938, 50.5061, 34.7596



40.2908, 50.5061, 51.6830



46.8346, 50.5061, 81.8597



56.6448, 50.5061, 58.4404

Rectangle

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



49.1938, 50.5061, 34.7596



42.7128, 50.5061, 39.1836



46.8346, 50.5061, 81.8597



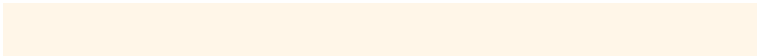
53.7162, 50.5061, 74.5672

Sweetspot

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



49.1951, 50.5084, 34.7606



88.7362, 92.9363, 89.6428



44.4782, 37.5559, 44.0358



18.7861, 19.6567, 18.5674



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.



49.1951, 50.5084, 34.7606



73.0902, 74.3544, 45.2439



53.1332, 60.9952, 36.5772



12.3934, 12.9776, 12.4638



20.9173, 17.7675, 2.3270



1.2459, 1.1461, 0.1556

Inverse Universe

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



38.4178, 40.3602, 66.7386



53.7622, 56.1615, 102.6144



35.2607, 32.3228, 65.3536



11.5430, 12.1763, 14.9855



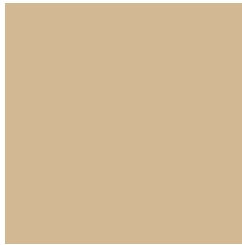
9.0896, 6.8259, 38.0309



0.5848, 0.5349, 2.1520

Previews

White Background



This preview shows how the XYZ color 49.1938, 50.5061, 34.7596 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 49.1938, 50.5061, 34.7596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

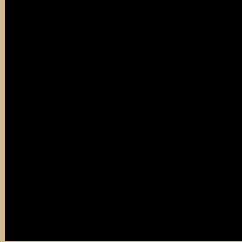
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1938, 50.5061, 34.7596

Background



This preview shows how black text looks on a background with the XYZ color 49.1938, 50.5061, 34.7596.



This preview shows how white text looks on a background with the XYZ color 49.1938, 50.5061,

34.7596.

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

49.1938, 50.5061, 34.7596

Protanopia

47.4159, 50.5221, 35.2696

Deuteranopia

51.3844, 50.4015, 35.0372



Tritanopia

53.7701, 50.5375, 57.3728

Trichromacy



Original Color

49.1938, 50.5061, 34.7596

Protanomaly

48.0175, 50.5161, 35.2368

Deuteranomaly

50.3921, 50.1929, 35.0492

Tritanomaly

51.8009, 50.3285, 48.0585

Monochromacy



Original Color

49.1938, 50.5061, 34.7596

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.0781, 50.2935, 46.7088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1938, 50.5061, 34.7596 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, 185, 147)` looks like.

```
.text, #text, p{  
    color:rgb(210, 185, 147)  
}
```

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, 185, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 185, 147) }
```

Border

The CSS property to change the border of an element to XYZ 49.1938, 50.5061, 34.7596 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, 185, 147) }
```


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

```
.border{ border-color:rgb(210, 185, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 185, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 185, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 185, 147);  
box-shadow:4px 4px 4px 4px rgb(210, 185,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1938, 50.5061, 34.7596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 185, 147) }
```

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

```
.background{ background-color: rgb(210,  
185, 147) }
```

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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