

Converting Colors

XYZ(50.6979, 54.5367, 37.2664)

Have a look what the booklet for
XYZ(50.6979, 54.5367, 37.2664)
contains.

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Color

**XYZ(50.5546, 54.3864,
37.1113)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC397
RGB	206, 195, 151
RGB Percent	81%, 76%, 59%
CMY	0.1922, 0.2353, 0.4078
CMYK	0.00, 0.05, 0.27, 0.19
HSL	48°, 36%, 70%
HSV	48°, 27%, 81%
XYZ	50.5546, 54.3864, 37.1113
YIQ	193.2730, 20.6800, -11.3520

Conversions

Conversions Part 2

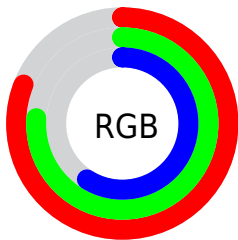
Format	Color
RYB	165, 206, 151
Decimal	13550487
CIELab	78.69, -3.02, 23.55
CIELCh	79, 23.740, 97.302
Yxy	54.3864, 0.3559, 0.3829
Android (android.graphics.Color)	4291740567 (0xFFCEC397)
YUV	193.2730, -20.8406, 11.1616
Hunter-Lab	73.7471, -6.6935, 21.7869

Details

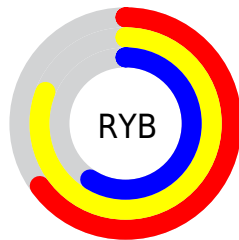
The XYZ color **50.5546, 54.3864, 37.1113** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.8232, 36.8752, 63.5695**, and the grayscale version is **50.9606, 53.6146, 58.3863**.

A 20% lighter version of the original color is **86.7566, 94.6621, 71.4567**, and **24.5876, 26.5492, 15.8852** is the 20% darker color. If you saturate the color by 10%, you get **48.1161, 51.9567, 28.7534**, and if you desaturate by 10%, it is **53.3137, 56.9888, 47.0195**.

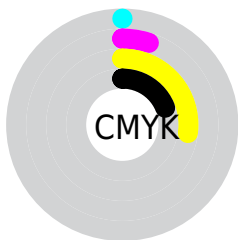
Distribution



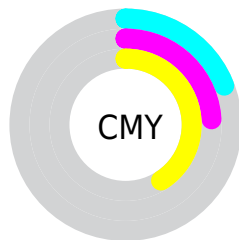
- Red (81%)
- Green (76%)
- Blue (59%)



- Red (65%)
- Yellow (81%)
- Blue (59%)



- Cyan (0%)
- Magenta (5%)
- Yellow (27%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5546, 54.3864, 37.1113 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 50.5546, 54.3864, 37.1113 by changing the saturation by 10% instead.


 50.5546, 54.3864,
37.1113


 50.5546, 54.3864,
37.1113


379.2471,
403.5818, 348.9753

 36.0739, 38.9107,
24.9972


 90.1830, 96.6414,
71.9322

 24.6616, 26.6902,
15.8560


 116.0613,
124.1894, 95.4760

 15.9525, 17.3407,
9.2690


146.4696,
156.5303, 123.6669

 9.5812, 10.4777,
4.8179

181.7731,
194.0484, 156.9233

 5.1823, 5.7168,
2.0839

222.3373,
237.1283, 195.6639

 2.3905, 2.6737,
0.6062

268.5274,

 0.8404, 0.9638,

286.1542, 240.3070

0.0000

320.7089,
341.5105, 291.2713

■ 0.0000, 0.0000,
0.0000

■ 50.5546, 54.3864,
37.1113

■ 50.5546, 54.3864,
37.1113

■ 48.1161, 51.9567,
28.7534

■ 53.3137, 56.9888,
47.0195

■ 45.9787, 49.6860,
21.8623

■ 56.4035, 59.7627,
58.5491

■ 44.1268, 47.5696,
16.3518

■ 59.8389, 62.7161,
71.7706

■ 42.5421, 45.5997,
12.1250

■ 63.6323, 65.8545,
86.7495

■ 41.2034, 43.7677,
9.0729

■ 67.7959, 69.1828,
103.5479

■ 40.0865, 42.0634,
7.0677

■ 69.0220, 71.3785,
104.7473

■ 39.1595, 40.4739,
5.9436

■ 70.1144, 73.5633,
105.1114

■ 38.8760, 39.9666,
5.6653

■ 71.2335, 75.8016,
105.4845

■ 72.3797, 78.0940,
105.8666

Harmonies

Analogous

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



55.2522, 54.3864, 38.4386



50.5546, 54.3864, 37.1113



46.4165, 54.3864, 40.9531

Triad

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



50.5546, 54.3864, 37.1113



44.8441, 54.3864, 76.2937



60.4691, 54.3864, 69.7561

Complementary

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



50.5546, 54.3864, 37.1113



36.8232, 36.8752, 63.5695

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.



57.3542, 54.3864, 82.2361



50.5546, 54.3864, 37.1113



48.2894, 54.3864, 86.3913

Square

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



50.5546, 54.3864, 37.1113



43.2516, 54.3864, 62.5621



52.8476, 54.3864, 88.7160



61.1662, 54.3864, 55.9944

Rectangle

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



50.5546, 54.3864, 37.1113



44.4671, 54.3864, 46.3293



52.8476, 54.3864, 88.7160



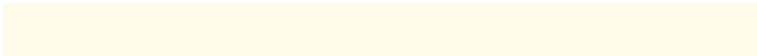
59.6613, 54.3864, 74.2985

Sweetspot

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



50.5560, 54.3889, 37.1124



90.6504, 96.1806, 92.0815



43.0423, 37.8643, 39.2231



19.2346, 20.4374, 19.0754



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.



50.5560, 54.3889, 37.1124



79.5966, 85.8426, 52.1125



48.7681, 57.2601, 37.7609



11.9559, 12.7008, 11.9008



24.0084, 24.7497, 3.5118



1.2883, 1.3762, 0.1977

Inverse Universe

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



36.8232, 36.8752, 63.5695



53.7235, 52.8525, 101.9778



38.2500, 34.8602, 63.1053



10.7804, 11.2012, 14.1642



7.4076, 3.8393, 36.3069



0.4369, 0.3076, 1.8913

Previews

White Background



This preview shows how the XYZ color 50.5546, 54.3864, 37.1113 looks on a white background.

Color Contrast Check

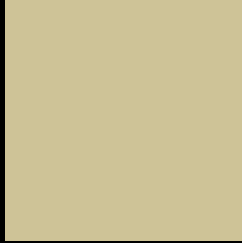
Large Text (above 18pt) WCAG AA × Fail

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 50.5546, 54.3864, 37.1113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

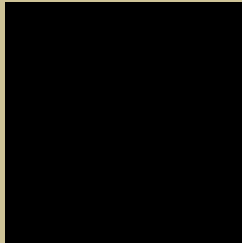
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5546, 54.3864, 37.1113

Background



This preview shows how black text looks on a background with the XYZ color 50.5546, 54.3864, 37.1113.

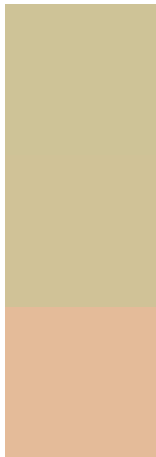


This preview shows how white text looks on a background with the XYZ color 50.5546, 54.3864,

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

50.5546, 54.3864, 37.1113

Protanopia

50.8901, 54.2278, 37.0630

Deuteranopia

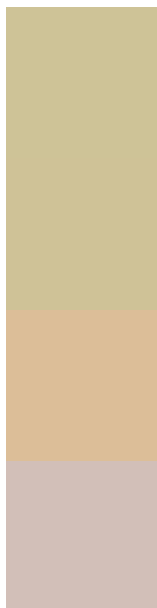
55.5150, 54.3345, 37.6986



Tritanopia

55.9141, 54.2753, 64.0291

Trichromacy



Original Color

50.5546, 54.3864, 37.1113

Protanomaly

50.6098, 54.0833, 37.0499

Deuteranomaly

53.5962, 54.3096, 37.3637

Tritanomaly

53.8609, 54.4239, 53.0135

Monochromacy



Original Color

50.5546, 54.3864, 37.1113

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.6164, 53.8037, 49.8369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5546, 54.3864, 37.1113 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(206, 195, 151)` looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 151)  
}
```

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(206, 195, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 151) }
```

Border

The CSS property to change the border of an element to XYZ 50.5546, 54.3864, 37.1113 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(206, 195, 151) }
```


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

```
.border{ border-color:rgb(206, 195, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 195, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 151);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5546, 54.3864, 37.1113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 195, 151) }
```

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

```
.background{ background-color: rgb(206,  
195, 151) }
```

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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