

Converting Colors

XYZ(53.8294, 62.1517, 37.2005)

Have a look what the booklet for
XYZ(53.8294, 62.1517, 37.2005)
contains.

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Color

**XYZ(53.7906, 62.0625,
37.1612)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD494
RGB	204, 212, 148
RGB Percent	80%, 83%, 58%
CMY	0.2000, 0.1686, 0.4196
CMYK	0.04, 0.00, 0.30, 0.17
HSL	68°, 43%, 71%
HSV	68°, 30%, 83%
XYZ	53.7906, 62.0625, 37.1612
YIQ	202.3120, 15.7760, -21.6000

Conversions

Conversions Part 2

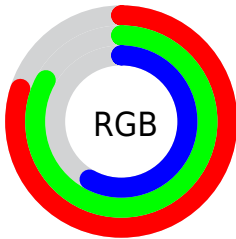
Format	Color
RYB	148, 212, 156
Decimal	13423764
CIELab	82.95, -12.91, 30.83
CIELCh	83, 33.426, 112.728
Yxy	62.0625, 0.3515, 0.4056
Android (android.graphics.Color)	4291613844 (0xFFCCD494)
YUV	202.3120, -26.7758, 1.4804
Hunter-Lab	78.7798, -15.9853, 27.1781

Details

The XYZ color **53.7906, 62.0625, 37.1612** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.1864, 33.0029, 66.7540**, and the grayscale version is **56.4904, 59.4323, 64.7218**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **26.6091, 31.3666, 15.9612** is the 20% darker color. If you saturate the color by 10%, you get **51.5438, 61.0827, 29.0844**, and if you desaturate by 10%, it is **56.3603, 63.1772, 46.8599**.

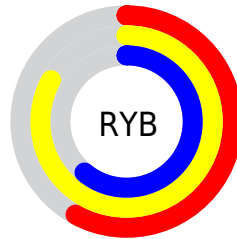
Distribution



Red (80%)

Green (83%)

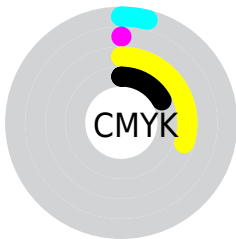
Blue (58%)



Red (58%)

Yellow (83%)

Blue (61%)

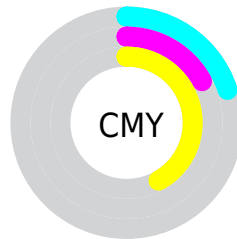


Cyan (4%)

Magenta (0%)

Yellow (30%)

Black (17%)



Cyan (20%)

Magenta (17%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7906, 62.0625, 37.1612 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 53.7906, 62.0625, 37.1612 by changing the saturation by 10% instead.

■ 53.7906, 62.0625,
37.1612

■ 53.7906, 62.0625,
37.1612

391.5224,
432.1590, 349.1976

■ 38.6643, 45.0832,
25.0356

■ 94.9254, 107.8159,
72.0097

■ 26.6782, 31.5230,
15.8843

■ 121.6646,
137.3587, 95.5697

■ 17.4670, 20.9974,
9.2888

153.0055,
171.8582, 123.7782

■ 10.6654, 13.1221,
4.8307

189.3134,
211.6987, 157.0538

■ 5.9079, 7.5127,
2.0913

230.9537,
257.2647, 195.8150

■ 2.8293, 3.7847,
0.6106

278.2917,

■ 1.0641, 1.5539,

308.9404, 240.4803

0.0000

331.6928,
367.1104, 291.4683

■ 0.0000, 0.3262,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.7906, 62.0625,
37.1612

■ 53.7906, 62.0625,
37.1612

■ 51.5438, 61.0827,
29.0844

■ 56.3603, 63.1772,
46.8599

■ 49.5984, 60.2227,
22.5372

■ 59.2637, 64.4247,
58.2583

■ 47.9374, 59.4779,
17.4238

■ 62.5171, 65.8136,
71.4339

■ 46.5403, 58.8400,
13.6363

■ 66.1339, 67.3494,
86.4584

■ 45.3836, 58.2997,
11.0514

■ 70.1273, 69.0372,
103.3994

■ 44.4395, 57.8459,
9.5229

■ 71.0830, 69.5114,
104.2783

■ 43.6704, 57.4648,
8.7901

■ 71.8915, 69.9282,
104.3161

■ 72.7129, 70.3517,
104.3546

■ 73.5471, 70.7817,
104.3936

Harmonies

Analogous

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



60.7615, 62.0625, 35.3360



53.7906, 62.0625, 37.1612



48.6257, 62.0625, 46.2621

Triad

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



53.7906, 62.0625, 37.1612



50.9817, 62.0625, 104.3686



73.8436, 62.0625, 72.7289

Complementary

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



53.7906, 62.0625, 37.1612



36.1864, 33.0029, 66.7540

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.



70.7280, 62.0625, 94.5974



53.7906, 62.0625, 37.1612



57.2504, 62.0625, 115.1308

Square

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



53.7906, 62.0625, 37.1612



47.0986, 62.0625, 84.1131



64.5110, 62.0625, 111.2315



72.7279, 62.0625, 53.3614

Rectangle

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



53.7906, 62.0625, 37.1612



46.7111, 62.0625, 56.4550



64.5110, 62.0625, 111.2315



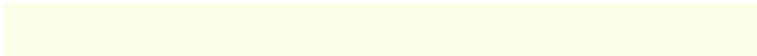
73.2484, 62.0625, 80.0681

Sweetspot

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



53.7922, 62.0653, 37.1625



90.5244, 98.0687, 90.5392



44.2980, 39.7352, 33.3528



19.2283, 20.9275, 18.7893



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.



53.7922, 62.0653, 37.1625



79.5299, 93.3185, 48.5650



46.0216, 58.0594, 36.7989



13.3129, 14.4375, 13.2458



27.0168, 35.5040, 5.4290



1.6733, 2.1640, 0.3295

Inverse Universe

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



36.1864, 33.0029, 66.7540



48.7907, 42.5627, 100.2516



43.0835, 36.5585, 67.0767



11.8855, 12.0824, 15.6432



7.6535, 3.0981, 38.6478



0.5104, 0.2120, 2.3333

Previews

White Background



This preview shows how the XYZ color 53.7906, 62.0625, 37.1612 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 53.7906, 62.0625, 37.1612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

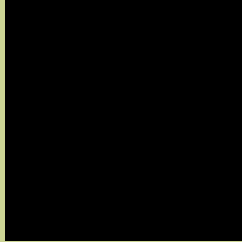
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7906, 62.0625, 37.1612

Background



This preview shows how black text looks on a background with the XYZ color 53.7906, 62.0625, 37.1612.



This preview shows how white text looks on a background with the XYZ color 53.7906, 62.0625,

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

53.7906, 62.0625, 37.1612

Protanopia

57.6910, 61.9059, 36.1025

Deuteranopia

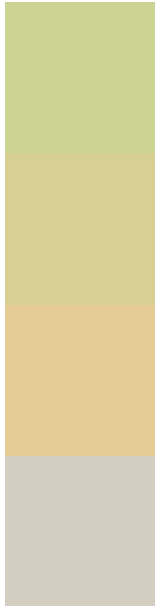
63.0882, 61.8556, 37.8924



Tritanopia

61.5827, 61.9725, 75.7340

Trichromacy



Original Color

53.7906, 62.0625, 37.1612

Protanomaly

56.1412, 61.8173, 36.5767

Deuteranomaly

59.1741, 61.5719, 37.6199

Tritanomaly

58.2753, 61.6945, 59.2889

Monochromacy



Original Color

53.7906, 62.0625, 37.1612

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.1434, 60.2165, 52.9726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7906, 62.0625, 37.1612 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(204, 212, 148)` looks like.

```
.text, #text, p{  
    color:rgb(204, 212, 148)  
}
```

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(204, 212, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 212, 148) }
```

Border

The CSS property to change the border of an element to XYZ 53.7906, 62.0625, 37.1612 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(204, 212, 148) }
```


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

```
.border{ border-color:rgb(204, 212, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 212, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 212, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 212, 148);  
box-shadow:4px 4px 4px 4px rgb(204, 212,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7906, 62.0625, 37.1612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 212, 148) }
```

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

```
.background{ background-color: rgb(204,  
212, 148) }
```

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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