

Converting Colors

XYZ(53.8470, 61.8196, 48.1178)

Have a look what the booklet for
XYZ(53.8470, 61.8196, 48.1178)
contains.

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Color

**XYZ(53.7548, 61.8013,
48.1254)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D4AC
RGB	196, 212, 172
RGB Percent	77%, 83%, 67%
CMY	0.2314, 0.1686, 0.3255
CMYK	0.08, 0.00, 0.19, 0.17
HSL	84°, 32%, 75%
HSV	84°, 19%, 83%
XYZ	53.7548, 61.8013, 48.1254
YIQ	202.6560, 3.3040, -15.8320

Conversions

Conversions Part 2

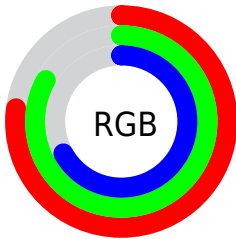
Format	Color
RYB	172, 212, 188
Decimal	12899500
CIELab	82.81, -12.41, 18.01
CIELCh	83, 21.870, 124.562
Yxy	61.8013, 0.3284, 0.3776
Android (android.graphics.Color)	4291089580 (0xFFC4D4AC)
YUV	202.6560, -15.1134, -5.8373
Hunter-Lab	78.6138, -15.5188, 18.7338

Details

The XYZ color **53.7548, 61.8013, 48.1254** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.3778, 44.9516, 68.4702**, and the grayscale version is **56.6407, 59.5904, 64.8940**.

A 20% lighter version of the original color is **90.1331, 97.9487, 86.8285**, and **26.6025, 31.2208, 22.3934** is the 20% darker color. If you saturate the color by 10%, you get **49.7352, 59.9478, 38.1434**, and if you desaturate by 10%, it is **58.2273, 63.8545, 59.8267**.

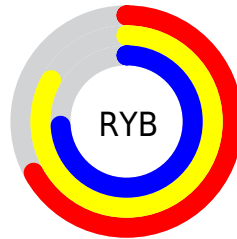
Distribution



Red (77%)

Green (83%)

Blue (67%)



Red (67%)

Yellow (83%)

Blue (74%)

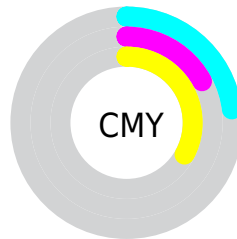


Cyan (8%)

Magenta (0%)

Yellow (19%)

Black (17%)



Cyan (23%)

Magenta (17%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7548, 61.8013, 48.1254 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 53.7548, 61.8013, 48.1254 by changing the saturation by 10% instead.

■ 53.7548, 61.8013,
48.1254

■ 53.7548, 61.8013,
48.1254

391.3879,
431.2059, 395.8120

■ 38.6356, 44.8722,
33.5655

■ 94.8731, 107.4383,
88.7586

■ 26.6558, 31.3567,
22.2854

121.6029,
136.9150, 115.6689

■ 17.4501, 20.8707,
13.8664

152.9336,
171.3429, 147.5332

■ 10.6532, 13.0295,
7.8901

189.2306,
211.1066, 184.7699

■ 5.8997, 7.4489,
3.9380

230.8591,
256.5903, 227.7976

■ 2.8243, 3.7444,
1.5914

278.1846,

■ 1.0615, 1.5316,

308.1785, 277.0348

0.2846

331.5724,
366.2556, 332.9001

0.0000, 0.3108,
0.0000

0.0000, 0.0000,
0.0000

53.7548, 61.8013,
48.1254

53.7548, 61.8013,
48.1254

49.7352, 59.9478,
38.1434

58.2273, 63.8545,
59.8267

46.1462, 58.2786,
29.7956

63.1641, 66.1060,
73.3190

42.9707, 56.7888,
22.9958

68.5824, 68.5649,
88.6747

40.1884, 55.4699,
17.6483

74.2048, 71.1206,
104.4244

■ 37.7768, 54.3128,
13.6465

■ 76.9925, 72.5577,
104.5548

■ 35.7109, 53.3071,
10.8695

■ 79.9144, 74.0640,
104.6916

■ 33.9610, 52.4407,
9.1745

■ 82.8348, 75.5695,
104.8283

■ 32.4819, 51.6953,
8.3351

■ 32.3249, 51.6159,
8.2592

Harmonies

Analogous

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



58.0235, 61.8013, 44.6219



53.7548, 61.8013, 48.1254



50.9415, 61.8013, 56.7616

Triad

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



53.7548, 61.8013, 48.1254



54.9384, 61.8013, 93.5130



68.2305, 61.8013, 65.2509

Complementary

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



53.7548, 61.8013, 48.1254



47.3778, 44.9516, 68.4702

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.



67.2970, 61.8013, 79.0484



53.7548, 61.8013, 48.1254



59.4629, 61.8013, 96.5725

Square

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



53.7548, 61.8013, 48.1254



51.5988, 61.8013, 83.0900



64.0249, 61.8013, 90.9696



66.5121, 61.8013, 53.6337

Rectangle

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



53.7548, 61.8013, 48.1254



50.1844, 61.8013, 64.8646



64.0249, 61.8013, 90.9696



68.2172, 61.8013, 69.7773

Sweetspot

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



53.7564, 61.8040, 48.1267



90.4674, 97.9109, 96.3352



52.5833, 52.9442, 46.4785



19.2604, 20.9098, 20.3401



0.0000, 0.0000, 0.0000



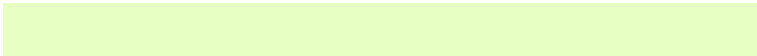
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.7564, 61.8040, 48.1267



78.8918, 92.5996, 66.1491



48.8963, 59.2985, 47.8993



12.9698, 14.2606, 13.2297



20.0705, 31.9231, 5.1039



1.3028, 1.9730, 0.3122

Inverse Universe

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



47.3778, 44.9516, 68.4702



67.3281, 62.0447, 103.0350



52.6509, 47.6701, 68.7170



12.2081, 12.2487, 15.6583



9.7450, 4.1763, 38.7456



0.6799, 0.2994, 2.3413

Previews

White Background



This preview shows how the XYZ color 53.7548, 61.8013, 48.1254 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 53.7548, 61.8013, 48.1254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

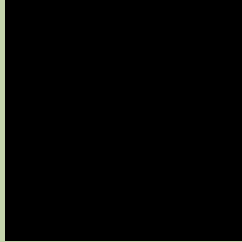
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7548, 61.8013, 48.1254

Background



This preview shows how black text looks on a background with the XYZ color 53.7548, 61.8013, 48.1254.



This preview shows how white text looks on a background with the XYZ color 53.7548, 61.8013,

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

53.7548, 61.8013, 48.1254

Protanopia

57.9062, 61.4326, 46.3418

Deuteranopia

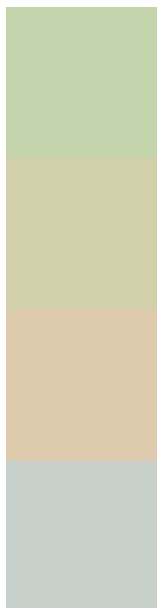
62.8570, 61.4878, 49.1129



Tritanopia

59.5111, 61.5796, 77.1561

Trichromacy



Original Color

53.7548, 61.8013, 48.1254

Protanomaly

56.3899, 61.7157, 46.9705

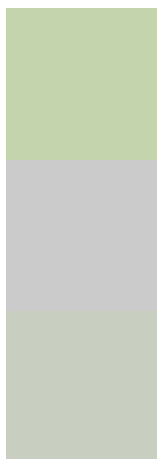
Deuteranomaly

59.1201, 61.2975, 48.7600

Tritanomaly

57.1548, 61.7029, 65.3974

Monochromacy



Original Color

53.7548, 61.8013, 48.1254

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.4052, 60.2277, 58.5741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7548, 61.8013, 48.1254 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(196, 212, 172)` looks like.

```
.text, #text, p{  
    color:rgb(196, 212, 172)  
}
```

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(196, 212, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 172) }
```

Border

The CSS property to change the border of an element to XYZ 53.7548, 61.8013, 48.1254 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(196, 212, 172) }
```


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

```
.border{ border-color:rgb(196, 212, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 212, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 212, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 212, 172);  
box-shadow:4px 4px 4px 4px rgb(196, 212,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7548, 61.8013, 48.1254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 212, 172) }
```

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

```
.background{ background-color: rgb(196,  
212, 172) }
```

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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