

Converting Colors

XYZ(54.4476, 59.9358, 37.5793)

Have a look what the booklet for
XYZ(54.4476, 59.9358, 37.5793)
contains.

XYZ(54.4877, 59.8617, 37.5368)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.4877, 59.8617,
37.5368)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CD96
RGB	212, 205, 150
RGB Percent	83%, 80%, 59%
CMY	0.1686, 0.1961, 0.4118
CMYK	0.00, 0.03, 0.29, 0.17
HSL	53°, 42%, 71%
HSV	53°, 29%, 83%
XYZ	54.4877, 59.8617, 37.5368
YIQ	200.8230, 21.8270, -15.6210

Conversions

Conversions Part 2

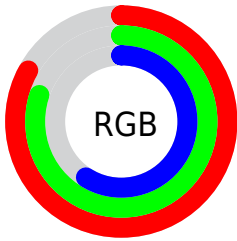
Format	Color
RYB	158, 212, 150
Decimal	13946262
CIELab	81.76, -6.03, 28.32
CIELCh	82, 28.955, 102.027
Yxy	59.8617, 0.3587, 0.3941
Android (android.graphics.Color)	4292136342 (0xFFD4CD96)
YUV	200.8230, -25.0557, 9.8022
Hunter-Lab	77.3703, -9.6903, 25.3943

Details

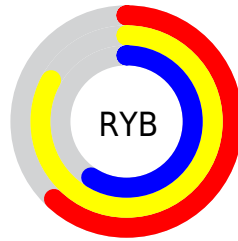
The XYZ color **54.4877, 59.8617, 37.5368** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.5181, 35.3505, 67.1861**, and the grayscale version is **55.5498, 58.4427, 63.6441**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **27.2234, 30.2022, 16.1992** is the 20% darker color. If you saturate the color by 10%, you get **52.3655, 58.1064, 29.1556**, and if you desaturate by 10%, it is **56.9306, 61.7634, 47.5500**.

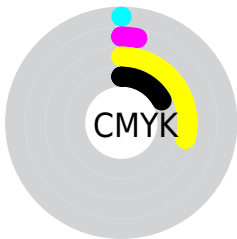
Distribution



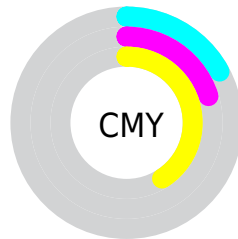
- Red (83%)
- Green (80%)
- Blue (59%)



- Red (62%)
- Yellow (83%)
- Blue (59%)



- Cyan (0%)
- Magenta (3%)
- Yellow (29%)
- Black (17%)




- Cyan (17%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4877, 59.8617, 37.5368 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 54.4877, 59.8617, 37.5368 by changing the saturation by 10% instead.


 54.4877, 59.8617,
37.5368


 54.4877, 59.8617,
37.5368


394.1351,
424.0878, 350.8672

 39.2239, 43.3072,
25.3243


 95.9427, 104.6290,
72.5931

 27.1155, 30.1262,
16.0977


 122.8645,
133.6106, 96.2741

 17.7970, 19.9344,
9.4382

154.4032,
167.5033, 124.6150

 10.9032, 12.3474,
4.9274

190.9239,
206.6916, 158.0344

 6.0686, 6.9807,
2.1467

232.7922,
251.5598, 196.9507

 2.9279, 3.4500,
0.6434

280.3732,

 1.1157, 1.3710,

302.4923, 241.7826

0.0000

334.0324,
359.8735, 292.9486

■ 0.0382, 0.1952,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4877, 59.8617,
37.5368

■ 54.4877, 59.8617,
37.5368

■ 52.3655, 58.1064,
29.1556

■ 56.9306, 61.7634,
47.5500

■ 50.5428, 56.4827,
22.3149

■ 59.7050, 63.8098,
59.2727

■ 49.0026, 54.9860,
16.9199

■ 62.8270, 66.0092,
72.7818

■ 47.7249, 53.6080,
12.8637

■ 66.3100, 68.3673,
88.1486

■ 46.6863, 52.3394,
10.0249

■ 70.0051, 70.8245,
104.5886

■ 45.8597, 51.1693,
8.2598

■ 70.6260, 72.0662,
104.7955

■ 45.1996, 50.0795,
7.3300

■ 71.2558, 73.3259,
105.0055

■ 45.1522, 49.9986,
7.2709

■ 71.8947, 74.6036,
105.2184

■ 72.5426, 75.8994,
105.4344

Harmonies

Analogous

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



60.5932, 59.8617, 38.1646



54.4877, 59.8617, 37.5368



49.4003, 59.8617, 43.2758

Triad

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



54.4877, 59.8617, 37.5368



48.6214, 59.8617, 90.3525



68.7982, 59.8617, 76.1035

Complementary

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



54.4877, 59.8617, 37.5368



36.5181, 35.3505, 67.1861

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.



65.1156, 59.8617, 93.4508



54.4877, 59.8617, 37.5368



53.3537, 59.8617, 102.6355

Square

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



54.4877, 59.8617, 37.5368



46.1791, 59.8617, 72.4318



59.3758, 59.8617, 103.8612



69.1563, 59.8617, 58.4277

Rectangle

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



54.4877, 59.8617, 37.5368



47.1542, 59.8617, 50.6588



59.3758, 59.8617, 103.8612



67.8965, 59.8617, 82.2388

Sweetspot

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



54.4892, 59.8644, 37.5381



90.7521, 96.9681, 90.3147



44.1640, 38.2527, 37.0594



19.2848, 20.6542, 18.7336



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.



54.4892, 59.8644, 37.5381



80.7315, 89.2669, 48.9315



49.8455, 60.0102, 37.8110



13.3476, 14.2695, 13.2115



27.9212, 30.9597, 4.5042



1.7189, 1.9370, 0.2833

Inverse Universe

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



36.5181, 35.3505, 67.1861



49.2134, 46.2798, 100.9468



40.1942, 35.5388, 67.0287



11.8543, 12.2320, 15.6737



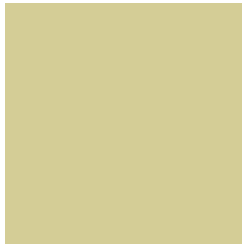
7.5740, 3.4097, 38.7121



0.4956, 0.2832, 2.3478

Previews

White Background



This preview shows how the XYZ color 54.4877, 59.8617, 37.5368 looks on a white background.

Color Contrast Check

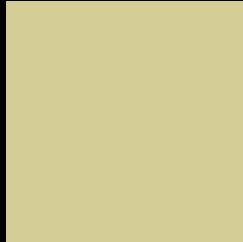
Large Text (above 18pt) WCAG AA × Fail

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 54.4877, 59.8617, 37.5368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

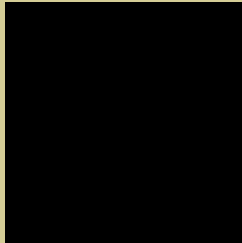
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4877, 59.8617, 37.5368

Background



This preview shows how black text looks on a background with the XYZ color 54.4877, 59.8617, 37.5368.



This preview shows how white text looks on a background with the XYZ color 54.4877, 59.8617,

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

54.4877, 59.8617, 37.5368

Protanopia

55.6942, 59.7872, 37.0385

Deuteranopia

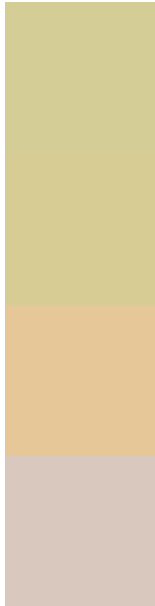
61.1178, 59.8225, 38.0314



Tritanopia

61.3651, 59.9016, 70.6152

Trichromacy



Original Color

54.4877, 59.8617, 37.5368

Protanomaly

55.3366, 59.9546, 37.0896

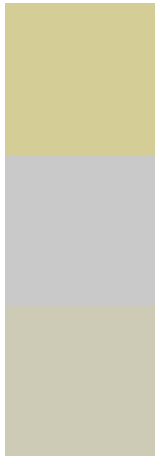
Deuteranomaly

58.6425, 59.9042, 37.7500

Tritanomaly

58.4549, 59.7344, 56.5931

Monochromacy



Original Color

54.4877, 59.8617, 37.5368

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.7409, 58.5976, 52.6813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4877, 59.8617, 37.5368 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, 205, 150)` looks like.

```
.text, #text, p{  
    color:rgb(212, 205, 150)  
}
```

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, 205, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 205, 150) }
```

Border

The CSS property to change the border of an element to XYZ 54.4877, 59.8617, 37.5368 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, 205, 150) }
```


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

```
.border{ border-color:rgb(212, 205, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 205, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 205, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 205, 150);  
box-shadow:4px 4px 4px 4px rgb(212, 205,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4877, 59.8617, 37.5368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 205, 150) }
```

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

```
.background{ background-color: rgb(212,  
205, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor