

Converting Colors

XYZ(52.5921, 57.0353, 37.3508)

Have a look what the booklet for
XYZ(52.5921, 57.0353, 37.3508)
contains.

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Color

**XYZ(52.8185, 57.2446,
37.5436)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C897
RGB	210, 200, 151
RGB Percent	82%, 78%, 59%
CMY	0.1765, 0.2157, 0.4078
CMYK	0.00, 0.05, 0.28, 0.18
HSL	50°, 40%, 71%
HSV	50°, 28%, 82%
XYZ	52.8185, 57.2446, 37.5436
YIQ	197.4040, 21.6890, -13.1190

Conversions

Conversions Part 2

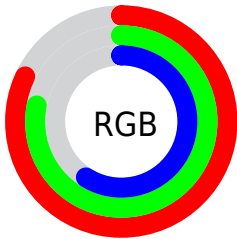
Format	Color
RYB	163, 210, 151
Decimal	13813911
CIELab	80.32, -4.09, 25.82
CIELCh	80, 26.140, 98.993
Yxy	57.2446, 0.3578, 0.3878
Android (android.graphics.Color)	4292003991 (0xFFD2C897)
YUV	197.4040, -22.8772, 11.0467
Hunter-Lab	75.6602, -7.7941, 23.5416

Details

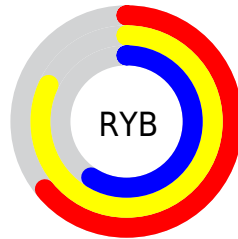
The XYZ color **52.8185, 57.2446, 37.5436** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.1399, 36.7210, 66.1032**, and the grayscale version is **53.4413, 56.2244, 61.2284**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **26.0967, 28.4464, 16.1719** is the 20% darker color. If you saturate the color by 10%, you get **50.4489, 54.9957, 29.0760**, and if you desaturate by 10%, it is **55.5141, 59.6586, 47.6200**.

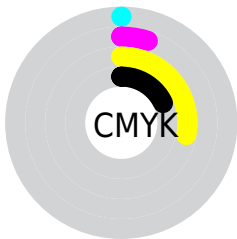
Distribution



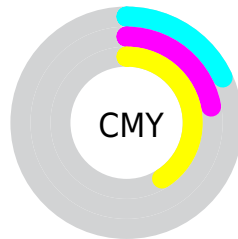
- Red (82%)
- Green (78%)
- Blue (59%)



- Red (64%)
- Yellow (82%)
- Blue (59%)



- Cyan (0%)
- Magenta (5%)
- Yellow (28%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8185, 57.2446, 37.5436 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 52.8185, 57.2446, 37.5436 by changing the saturation by 10% instead.

■ 52.8185, 57.2446,
37.5436

■ 52.8185, 57.2446,
37.5436

387.8607,
414.3652, 350.8974

■ 37.8848, 41.2017,
25.3296

■ 93.5043, 100.8220,
72.6037

■ 26.0701, 28.4767,
16.1015

■ 119.9872,
129.1252, 96.2869

■ 17.0090, 18.6853,
9.4409

151.0505,
162.2841, 124.6301

■ 10.3363, 11.4431,
4.9291

187.0595,
200.6828, 158.0521

■ 5.6865, 6.3657,
2.1477

228.3797,
244.7059, 196.9712

■ 2.6942, 3.0687,
0.6440

275.3764,

■ 0.9942, 1.1677,

294.7377, 241.8062

0.0000

328.4149,
351.1627, 292.9753

■ 0.0000, 0.0351,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.8185, 57.2446,
37.5436

■ 52.8185, 57.2446,
37.5436

■ 50.4489, 54.9957,
29.0760

■ 55.5141, 59.6586,
47.6200

■ 48.3846, 52.8974,
22.1286

■ 58.5462, 62.2360,
59.3801

■ 46.6092, 50.9449,
16.6097

■ 61.9305, 64.9854,
72.8989

■ 45.1032, 49.1303,
12.4164

■ 65.6802, 67.9123,
88.2453

■ 43.8442, 47.4443,
9.4318

■ 69.6461, 70.9571,
104.6331

■ 42.8060, 45.8762,
7.5187

■ 70.5774, 72.8197,
104.9435

■ 41.9504, 44.4106,
6.4760

■ 71.5286, 74.7222,
105.2606

■ 41.7967, 44.1384,
6.3166

■ 72.4999, 76.6648,
105.5844

■ 73.4914, 78.6477,
105.9148

Harmonies

Analogous

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



58.1772, 57.2446, 38.6923



52.8185, 57.2446, 37.5436



48.1953, 57.2446, 42.1379

Triad

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



52.8185, 57.2446, 37.5436



46.8061, 57.2446, 82.7450



64.5785, 57.2446, 73.4875

Complementary

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



52.8185, 57.2446, 37.5436



37.1399, 36.7210, 66.1032

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.



61.1357, 57.2446, 88.1187



52.8185, 57.2446, 37.5436



50.8076, 57.2446, 94.0424

Square

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



52.8185, 57.2446, 37.5436



44.8765, 57.2446, 67.0448



56.0317, 57.2446, 96.1554



65.2046, 57.2446, 57.8409

Rectangle

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



52.8185, 57.2446, 37.5436



46.0673, 57.2446, 48.3635



56.0317, 57.2446, 96.1554



63.7020, 57.2446, 78.7547

Sweetspot

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



52.8200, 57.2472, 37.5448



90.8451, 96.5699, 92.1464



44.1507, 38.4376, 39.1899



19.2839, 20.5361, 19.0918



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.



52.8200, 57.2472, 37.5448



79.5881, 86.6028, 49.7138



50.1984, 59.4452, 38.1072



12.6259, 13.4425, 12.5412



25.5597, 27.0525, 3.8745



1.4753, 1.6050, 0.2320

Inverse Universe

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



37.1399, 36.7210, 66.1032



51.1933, 49.4395, 101.4523



39.2092, 35.2979, 65.7194



11.3232, 11.7367, 14.9123



7.5233, 3.6933, 37.5088



0.4718, 0.3087, 2.1143

Previews

White Background



This preview shows how the XYZ color 52.8185, 57.2446, 37.5436 looks on a white background.

Color Contrast Check

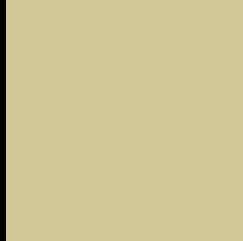
Large Text (above 18pt) WCAG AA × Fail

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 52.8185, 57.2446, 37.5436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

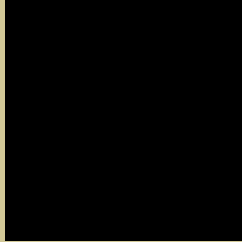
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8185, 57.2446, 37.5436

Background



This preview shows how black text looks on a background with the XYZ color 52.8185, 57.2446, 37.5436.



This preview shows how white text looks on a background with the XYZ color 52.8185, 57.2446,

37.5436.

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

52.8185, 57.2446, 37.5436

Protanopia

53.4499, 57.2273, 37.5070

Deuteranopia

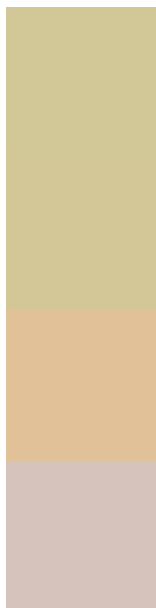
58.3123, 57.0539, 38.0761



Tritanopia

58.8501, 57.0051, 67.5759

Trichromacy



Original Color

52.8185, 57.2446, 37.5436

Protanomaly

53.1607, 57.0783, 37.4935

Deuteranomaly

56.0106, 56.8581, 37.7284

Tritanomaly

56.2163, 56.9142, 55.0363

Monochromacy



Original Color

52.8185, 57.2446, 37.5436

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.7894, 56.2400, 51.2531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8185, 57.2446, 37.5436 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, 200, 151)` looks like.

```
.text, #text, p{  
    color:rgb(210, 200, 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(210, 200, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 200, 151) }
```

Border

The CSS property to change the border of an element to XYZ 52.8185, 57.2446, 37.5436 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, 200, 151) }
```


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

```
.border{ border-color:rgb(210, 200, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 200, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 200, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 200, 151);  
box-shadow:4px 4px 4px 4px rgb(210, 200,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8185, 57.2446, 37.5436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 200, 151) }
```

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

```
.background{ background-color: rgb(210,  
200, 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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