

Converting Colors

XYZ(51.1204, 53.6605, 37.1642)

Have a look what the booklet for
XYZ(51.1204, 53.6605, 37.1642)
contains.

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Color

**XYZ(51.0955, 53.6679,
37.3717)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C098
RGB	210, 192, 152
RGB Percent	82%, 75%, 60%
CMY	0.1765, 0.2470, 0.4039
CMYK	0.00, 0.09, 0.28, 0.18
HSL	41°, 39%, 71%
HSV	41°, 28%, 82%
XYZ	51.0955, 53.6679, 37.3717
YIQ	192.8220, 23.5680, -8.6240

Conversions

Conversions Part 2

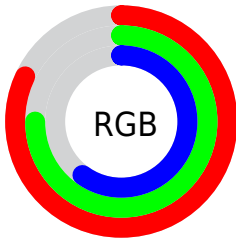
Format	Color
RYB	178, 210, 152
Decimal	13811864
CIELab	78.27, 0.23, 22.50
CIELCh	78, 22.501, 89.420
Yxy	53.6679, 0.3595, 0.3776
Android (android.graphics.Color)	4292001944 (0xFFD2C098)
YUV	192.8220, -20.1252, 15.0651
Hunter-Lab	73.2584, -3.7038, 21.0349

Details

The XYZ color **51.0955, 53.6679, 37.3717** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.9563, 40.0770, 66.6555**, and the grayscale version is **50.6899, 53.3298, 58.0761**.

A 20% lighter version of the original color is **85.9480, 92.8510, 71.7846**, and **25.0992, 26.3734, 16.0796** is the 20% darker color. If you saturate the color by 10%, you get **48.1269, 50.2436, 28.6347**, and if you desaturate by 10%, it is **54.4348, 57.3456, 47.7358**.

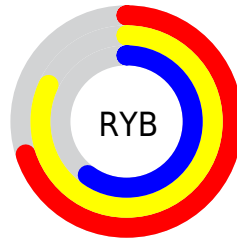
Distribution



Red (82%)

Green (75%)

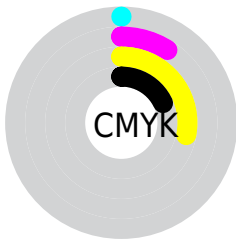
Blue (60%)



Red (70%)

Yellow (82%)

Blue (60%)

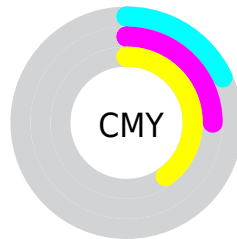


Cyan (0%)

Magenta (9%)

Yellow (28%)

Black (18%)



Cyan (18%)


Magenta (25%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0955, 53.6679, 37.3717 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 51.0955, 53.6679, 37.3717 by changing the saturation by 10% instead.


 51.0955, 53.6679,
37.3717


 51.0955, 53.6679,
37.3717


381.3163,
400.8423, 350.1340

 36.5060, 38.3362,
25.1974


 90.9781, 95.5865,
72.3368

 24.9971, 26.2437,
16.0038


 117.0018,
122.9421, 95.9646

 16.2036, 17.0061,
9.3725


147.5677,
155.0746, 124.2474

 9.7601, 10.2388,
4.8848

183.0410,
192.3682, 157.6037

 5.3012, 5.5576,
2.1223

223.7872,
235.2074, 196.4519

 2.4616, 2.5780,
0.6290

270.1716,

 0.8760, 0.9156,

283.9765, 241.2107

0.0000

322.5595,
339.0601, 292.2985

■ 0.0000, 0.0000,
0.0000

■ 51.0955, 53.6679,
37.3717

■ 51.0955, 53.6679,
37.3717

■ 48.1269, 50.2436,
28.6347

■ 54.4348, 57.3456,
47.7358

■ 45.5079, 47.0573,
21.4368

■ 58.1563, 61.2770,
59.8025

■ 43.2216, 44.1028,
15.6862

■ 62.2761, 65.4715,
73.6462

■ 41.2477, 41.3707,
11.2804

■ 66.8081, 69.9359,
89.3361

■ 39.5633, 38.8503,
8.1031

■ 71.4412, 74.5472,
105.2314

■ 38.1417, 36.5298,
6.0180

■ 73.2321, 78.1290,
105.8284

■ 36.9459, 34.3927,
4.8348

■ 75.0910, 81.8467,
106.4480

■ 36.6800, 33.9048,
4.6110

■ 77.0184, 85.7016,
107.0905

■ 79.0152, 89.6951,
107.7561

Harmonies

Analogous

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



55.4434, 53.6679, 39.9326



51.0955, 53.6679, 37.3717



46.9593, 53.6679, 39.7424

Triad

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



51.0955, 53.6679, 37.3717



43.9788, 53.6679, 71.1857



58.6586, 53.6679, 71.6718

Complementary

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



51.0955, 53.6679, 37.3717



38.9563, 40.0770, 66.6555

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.



55.2866, 53.6679, 82.2262



51.0955, 53.6679, 37.3717



46.8190, 53.6679, 81.9183

Square

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



51.0955, 53.6679, 37.3717



42.9966, 53.6679, 58.1901



50.9241, 53.6679, 86.2177



59.9613, 53.6679, 58.6811

Rectangle

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



51.0955, 53.6679, 37.3717



44.8405, 53.6679, 44.0270



50.9241, 53.6679, 86.2177



57.7203, 53.6679, 75.6868

Sweetspot

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



51.0969, 53.6703, 37.3728



89.9516, 94.7829, 91.8486



45.0975, 39.0750, 43.3783



19.0578, 20.0839, 19.0164



0.0000, 0.0000, 0.0000



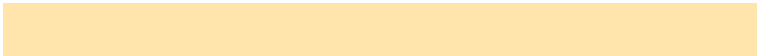
20.3446, 21.4041, 23.3091

Same Dimension

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



51.0969, 53.6703, 37.3728



76.5655, 80.1728, 49.8926



52.3651, 60.5529, 38.6344



12.4811, 13.1529, 12.4930



22.4672, 20.8675, 2.8437



1.3251, 1.3045, 0.1820

Inverse Universe

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



38.9563, 40.0770, 66.6555



54.7689, 55.7750, 102.4868



37.8910, 34.8582, 65.7043



11.4586, 12.0075, 14.9574



8.3336, 5.3139, 37.7789



0.5364, 0.4379, 2.1358

Previews

White Background



This preview shows how the XYZ color 51.0955, 53.6679, 37.3717 looks on a white background.

Color Contrast Check

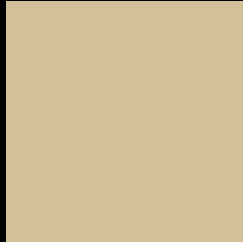
Large Text (above 18pt) WCAG AA × Fail

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 51.0955, 53.6679, 37.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

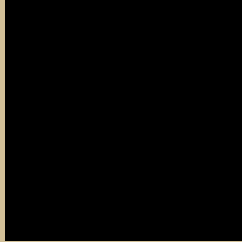
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0955, 53.6679, 37.3717

Background



This preview shows how black text looks on a background with the XYZ color 51.0955, 53.6679, 37.3717.



This preview shows how white text looks on a background with the XYZ color 51.0955, 53.6679,

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

51.0955, 53.6679, 37.3717

Protanopia

50.2733, 53.5616, 37.8257

Deuteranopia

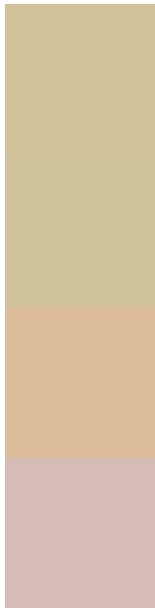
54.6727, 53.5865, 37.5987



Tritanopia

56.0932, 53.4670, 62.0073

Trichromacy



Original Color

51.0955, 53.6679, 37.3717

Protanomaly

50.5519, 53.7052, 37.8388

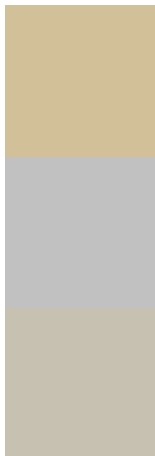
Deuteranomaly

53.2482, 53.4820, 37.6536

Tritanomaly

54.2620, 53.6815, 52.3014

Monochromacy



Original Color

51.0955, 53.6679, 37.3717

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.6590, 53.4964, 49.7753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0955, 53.6679, 37.3717 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, 192, 152)` looks like.

```
.text, #text, p{  
    color:rgb(210, 192, 152)  
}
```

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, 192, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 192, 152) }
```

Border

The CSS property to change the border of an element to XYZ 51.0955, 53.6679, 37.3717 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, 192, 152) }
```


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

```
.border{ border-color:rgb(210, 192, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 192, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 192, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 192, 152);  
box-shadow:4px 4px 4px 4px rgb(210, 192,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0955, 53.6679, 37.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 192, 152) }
```

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

```
.background{ background-color: rgb(210,  
192, 152) }
```

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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