

Converting Colors

XYZ(51.1636, 54.6622, 38.8646)

Have a look what the booklet for
XYZ(51.1636, 54.6622, 38.8646)
contains.

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Color

**XYZ(51.1636, 54.6622,
38.8646)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC39B
RGB	207, 195, 155
RGB Percent	81%, 76%, 61%
CMY	0.1882, 0.2353, 0.3922
CMYK	0.00, 0.06, 0.25, 0.19
HSL	46°, 35%, 71%
HSV	46°, 25%, 81%
XYZ	51.1636, 54.6622, 38.8646
YIQ	194.0280, 19.9920, -9.8960

Conversions

Conversions Part 2

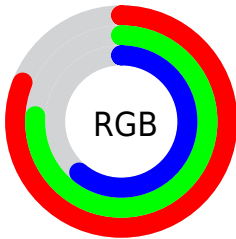
Format	Color
RYB	171, 207, 155
Decimal	13616027
CIELab	78.85, -2.09, 21.66
CIElCh	79, 21.757, 95.501
Yxy	54.6622, 0.3536, 0.3778
Android (android.graphics.Color)	4291806107 (0xFFCFC39B)
YUV	194.0280, -19.2408, 11.3764
Hunter-Lab	73.9339, -5.8591, 20.5869

Details

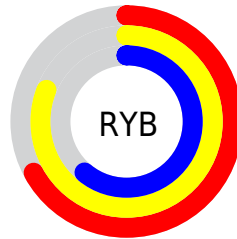
The XYZ color **51.1636, 54.6622, 38.8646** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.5985, 39.1099, 64.5462**, and the grayscale version is **51.3979, 54.0746, 58.8873**.

A 20% lighter version of the original color is **87.3700, 94.9075, 74.6869**, and **24.9725, 26.7246, 16.9389** is the 20% darker color. If you saturate the color by 10%, you get **48.5197, 51.9219, 30.1294**, and if you desaturate by 10%, it is **54.1426, 57.5951, 49.1831**.

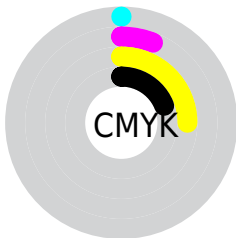
Distribution



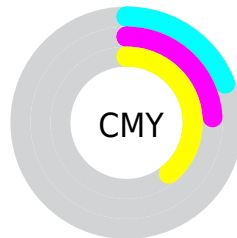
- Red (81%)
- Green (76%)
- Blue (61%)



- Red (67%)
- Yellow (81%)
- Blue (61%)



- Cyan (0%)
- Magenta (6%)
- Yellow (25%)
- Black (19%)





- Cyan (19%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1636, 54.6622, 38.8646 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 51.1636, 54.6622, 38.8646 by changing the saturation by 10% instead.


 51.1636, 54.6622,
38.8646


 51.1636, 54.6622,
38.8646


381.5763,
404.6302, 356.7232

 36.5604, 39.1313,
26.3474


 91.0781, 97.0459,
74.6495

 25.0394, 26.8619,
16.8556


 117.1201,
124.6674, 98.7542

 16.2353, 17.4695,
9.9707


147.7058,
157.0880, 127.5586

 9.7827, 10.5698,
5.2742

183.2005,
194.6920, 161.4811

 5.3163, 5.7784,
2.3475

223.9695,
237.8639, 200.9403

 2.4707, 2.7108,
0.7576

270.3782,

 0.8805, 0.9827,

286.9879, 246.3547

0.0000

322.7920,
342.4485, 298.1428

■ 0.0000, 0.0000,
0.0000

■ 51.1636, 54.6622,
38.8646

■ 51.1636, 54.6622,
38.8646

■ 48.5197, 51.9219,
30.1294

■ 54.1426, 57.5951,
49.1831

■ 46.1912, 49.3601,
22.8939

■ 57.4669, 60.7195,
61.1558

■ 44.1626, 46.9719,
17.0720

■ 61.1514, 64.0437,
74.8537

■ 42.4153, 44.7495,
12.5674

■ 65.2089, 67.5733,
90.3424

■ 40.9284, 42.6840,
9.2720

■ 69.0825, 71.0860,
104.6877

■ 39.6778, 40.7652,
7.0599

■ 70.3453, 73.6116,
105.1086

■ 38.6341, 38.9807,
5.7779

■ 71.6441, 76.2093,
105.5416

■ 38.1734, 38.1479,
5.3513

■ 72.9792, 78.8795,
105.9866

■ 74.3509, 81.6230,
106.4438

Harmonies

Analogous

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



55.4709, 54.6622, 40.4121



51.1636, 54.6622, 38.8646



47.2851, 54.6622, 42.1972

Triad

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



51.1636, 54.6622, 38.8646



45.4902, 54.6622, 74.4069



59.8744, 54.6622, 69.9223

Complementary

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



51.1636, 54.6622, 38.8646



38.5985, 39.1099, 64.5462

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.



56.9222, 54.6622, 81.0281



51.1636, 54.6622, 38.8646



48.5905, 54.6622, 83.8580

Square

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



51.1636, 54.6622, 38.8646



44.1277, 54.6622, 61.8245



52.7541, 54.6622, 86.4343



60.6566, 54.6622, 57.2693

Rectangle

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



51.1636, 54.6622, 38.8646



45.4141, 54.6622, 47.0512



52.7541, 54.6622, 86.4343



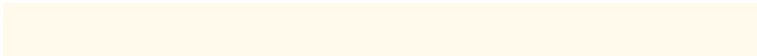
59.0952, 54.6622, 74.0123

Sweetspot

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



51.1650, 54.6647, 38.8657



90.4548, 95.7893, 92.0163



44.4413, 39.5037, 41.9072



19.1851, 20.3384, 19.0589



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.



51.1650, 54.6647, 38.8657



79.7128, 85.2677, 54.6402



50.2559, 58.3474, 39.6245



12.5626, 13.3159, 12.5201



24.1257, 24.1844, 3.3965



1.4067, 1.4677, 0.2092

Inverse Universe

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



38.5985, 39.1099, 64.5462



56.2981, 56.2903, 102.5056



39.3180, 36.3687, 63.9792



11.3818, 11.8539, 14.9318



7.8156, 4.2778, 37.6063



0.4989, 0.3630, 2.1233

Previews

White Background



This preview shows how the XYZ color 51.1636, 54.6622, 38.8646 looks on a white background.

Color Contrast Check

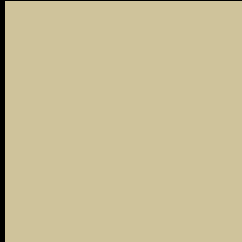
Large Text (above 18pt) WCAG AA × Fail

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 51.1636, 54.6622, 38.8646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

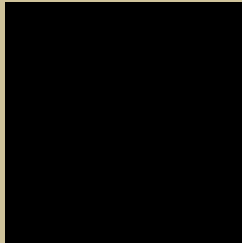
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1636, 54.6622, 38.8646

Background



This preview shows how black text looks on a background with the XYZ color 51.1636, 54.6622, 38.8646.



This preview shows how white text looks on a background with the XYZ color 51.1636, 54.6622,

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

51.1636, 54.6622, 38.8646

Protanopia

51.4439, 54.8067, 38.8777

Deuteranopia

55.5347, 54.3059, 39.4534



Tritanopia

56.2033, 54.4244, 64.0426

Trichromacy



Original Color

51.1636, 54.6622, 38.8646

Protanomaly

51.4439, 54.8067, 38.8777

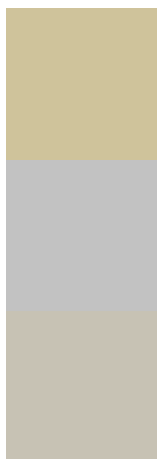
Deuteranomaly

53.9294, 54.4429, 39.1186

Tritanomaly

54.3577, 54.6557, 54.1390

Monochromacy



Original Color

51.1636, 54.6622, 38.8646

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.0832, 54.0210, 50.9147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1636, 54.6622, 38.8646 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(207, 195, 155)` looks like.

```
.text, #text, p{  
    color:rgb(207, 195, 155)  
}
```

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(207, 195, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 195, 155) }
```

Border

The CSS property to change the border of an element to XYZ 51.1636, 54.6622, 38.8646 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(207, 195, 155) }
```


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

```
.border{ border-color:rgb(207, 195, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 195, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 195, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 195, 155);  
box-shadow:4px 4px 4px 4px rgb(207, 195,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1636, 54.6622, 38.8646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 195, 155) }
```

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

```
.background{ background-color: rgb(207,  
195, 155) }
```

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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