

Converting Colors

XYZ(51.4287, 53.8012, 39.1267)

Have a look what the booklet for
XYZ(51.4287, 53.8012, 39.1267)
contains.

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Color

**XYZ(51.4287, 53.8012,
39.1266)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C09C
RGB	210, 192, 156
RGB Percent	82%, 75%, 61%
CMY	0.1765, 0.2470, 0.3882
CMYK	0.00, 0.09, 0.26, 0.18
HSL	40°, 37%, 72%
HSV	40°, 26%, 82%
XYZ	51.4287, 53.8012, 39.1266
YIQ	193.2780, 22.2840, -7.3800

Conversions

Conversions Part 2

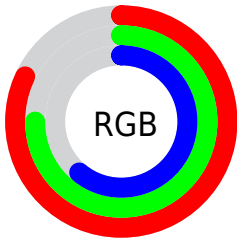
Format	Color
RYB	183, 210, 156
Decimal	13811868
CIELab	78.35, 0.77, 20.48
CIELCh	78, 20.490, 87.837
Yxy	53.8012, 0.3563, 0.3727
Android (android.graphics.Color)	4292001948 (0xFFD2C09C)
YUV	193.2780, -18.3781, 14.6652
Hunter-Lab	73.3493, -3.2064, 19.7175

Details

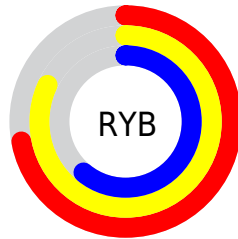
The XYZ color **51.4287, 53.8012, 39.1266** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.4789, 41.9920, 66.9447**, and the grayscale version is **50.9489, 53.6022, 58.3728**.

A 20% lighter version of the original color is **86.5653, 93.0980, 75.0352**, and **25.3000, 26.4537, 17.1372** is the 20% darker color. If you saturate the color by 10%, you get **48.3021, 50.1519, 30.0568**, and if you desaturate by 10%, it is **54.9386, 57.7245, 49.8422**.

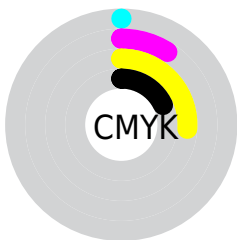
Distribution



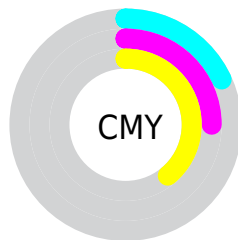
- Red (82%)
- Green (75%)
- Blue (61%)



- Red (72%)
- Yellow (82%)
- Blue (61%)



- Cyan (0%)
- Magenta (9%)
- Yellow (26%)
- Black (18%)





- Cyan (18%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4287, 53.8012, 39.1266 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 51.4287, 53.8012, 39.1266 by changing the saturation by 10% instead.


 51.4287, 53.8012,
39.1266


 51.4287, 53.8012,
39.1266


382.5874,
401.3515, 357.8705

 36.7723, 38.4427,
26.5496


 91.4674, 95.7823,
75.0542

 25.2041, 26.3265,
17.0058


 117.5804,
123.1737, 99.2418

 16.3587, 17.0681,
10.0767


148.2430,
155.3449, 128.1368

 9.8708, 10.2830,
5.3435

183.8206,
192.6803, 162.1577

 5.3750, 5.5870,
2.3880

224.6784,
235.5643, 201.7229

 2.5059, 2.5956,
0.7799

271.1819,

 0.8982, 0.9245,

284.3812, 247.2511

0.0000

323.6965,
339.5154, 299.1608

0.0000, 0.0000,
0.0000

51.4287, 53.8012,
39.1266

51.4287, 53.8012,
39.1266

48.3021, 50.1519,
30.0568

54.9386, 57.7245,
49.8422

45.5379, 46.7609,
22.5457

58.8434, 61.9224,
62.2780

43.1192, 43.6219,
16.5035

63.1591, 66.4047,
76.5076

41.0258, 40.7249,
11.8296

67.8996, 71.1785,
92.5996

39.2354, 38.0595,
8.4104

72.0965, 75.8579,
105.4499

■ 37.7217, 35.6132,
6.1143

■ 74.0497, 79.7642,
106.1009

■ 36.4529, 33.3717,
4.7786

■ 76.0816, 83.8280,
106.7782

■ 35.9591, 32.4631,
4.3708

■ 78.1931, 88.0510,
107.4821

■ 80.3850, 92.4348,
108.2127

Harmonies

Analogous

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



55.3625, 53.8012, 41.7676



51.4287, 53.8012, 39.1266



47.6112, 53.8012, 41.1044

Triad

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



51.4287, 53.8012, 39.1266



44.6013, 53.8012, 69.5375



57.9630, 53.8012, 71.1725

Complementary

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



51.4287, 53.8012, 39.1266



40.4789, 41.9920, 66.9447

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.



54.8315, 53.8012, 80.4173



51.4287, 53.8012, 39.1266



47.1311, 53.8012, 79.3897

Square

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



51.4287, 53.8012, 39.1266



43.7946, 53.8012, 57.7489



50.8453, 53.8012, 83.6032



59.2560, 53.8012, 59.4198

Rectangle

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



51.4287, 53.8012, 39.1266



45.6182, 53.8012, 44.9419



50.8453, 53.8012, 83.6032



57.0826, 53.8012, 74.7316

Sweetspot

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



51.4301, 53.8036, 39.1277



89.8071, 94.4940, 91.8004



46.1073, 40.5352, 45.4390



19.0213, 20.0109, 19.0043



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.



51.4301, 53.8036, 39.1277



76.9959, 80.2415, 52.4784



53.1351, 60.9112, 40.4098



12.4577, 13.1061, 12.4852



22.0302, 19.9935, 2.6980



1.3031, 1.2605, 0.1746

Inverse Universe

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



40.4789, 41.9920, 66.9447



57.1326, 58.8231, 102.9505



39.0390, 36.4301, 65.9471



11.4810, 12.0522, 14.9649



8.5142, 5.6750, 37.8391



0.5484, 0.4620, 2.1398

Previews

White Background



This preview shows how the XYZ color 51.4287, 53.8012, 39.1266 looks on a white background.

Color Contrast Check

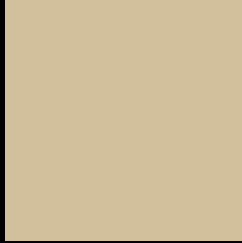
Large Text (above 18pt) WCAG AA × Fail

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 51.4287, 53.8012, 39.1266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

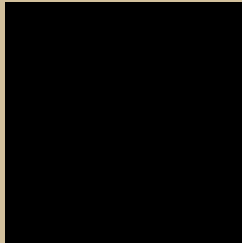
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4287, 53.8012, 39.1266

Background



This preview shows how black text looks on a background with the XYZ color 51.4287, 53.8012, 39.1266.



This preview shows how white text looks on a background with the XYZ color 51.4287, 53.8012,

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

51.4287, 53.8012, 39.1266

Protanopia

50.6094, 53.6961, 39.5953

Deuteranopia

54.6960, 53.5597, 39.3535



Tritanopia

56.0086, 53.7350, 62.0635

Trichromacy



Original Color

51.4287, 53.8012, 39.1266

Protanomaly

50.8879, 53.8396, 39.6083

Deuteranomaly

53.5842, 53.6164, 39.4231

Tritanomaly

54.0755, 53.5733, 52.8380

Monochromacy



Original Color

51.4287, 53.8012, 39.1266

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.8614, 53.5773, 50.8408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4287, 53.8012, 39.1266 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, 156) looks like.

```
.text, #text, p{  
    color:rgb(210, 192, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 192, 156) }
```

Border

The CSS property to change the border of an element to XYZ 51.4287, 53.8012, 39.1266 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, 156) }
```


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

```
.border{ border-color:rgb(210, 192, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 192, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 192, 156);  
box-shadow:4px 4px 4px 4px rgb(210, 192,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4287, 53.8012, 39.1266 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, 156) }
```

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

```
.background{ background-color: rgb(210,  
192, 156) }
```

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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