

Converting Colors

XYZ(51.2669, 55.3424, 36.5636)

Have a look what the booklet for
XYZ(51.2669, 55.3424, 36.5636)
contains.

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Color

**XYZ(51.4035, 55.5123,
36.4395)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C595
RGB	208, 197, 149
RGB Percent	82%, 77%, 58%
CMY	0.1843, 0.2274, 0.4157
CMYK	0.00, 0.05, 0.28, 0.18
HSL	49°, 39%, 70%
HSV	49°, 28%, 82%
XYZ	51.4035, 55.5123, 36.4395
YIQ	194.8170, 21.9640, -12.5960

Conversions

Conversions Part 2

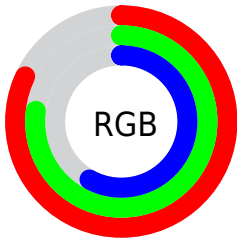
Format	Color
RYB	163, 208, 149
Decimal	13682069
CIELab	79.34, -3.56, 25.51
CIELCh	79, 25.762, 97.942
Yxy	55.5123, 0.3586, 0.3872
Android (android.graphics.Color)	4291872149 (0xFFD0C595)
YUV	194.8170, -22.5878, 11.5615
Hunter-Lab	74.5066, -7.2360, 23.1572

Details

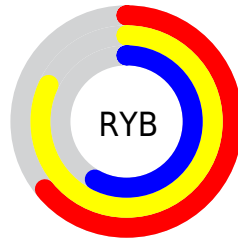
The XYZ color **51.4035, 55.5123, 36.4395** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.3503, 36.0844, 64.7238**, and the grayscale version is **51.8850, 54.5871, 59.4454**.

A 20% lighter version of the original color is **87.4613, 96.4554, 70.5080**, and **25.1639, 27.2991, 15.4982** is the 20% darker color. If you saturate the color by 10%, you get **49.0206, 53.1707, 28.1711**, and if you desaturate by 10%, it is **54.1085, 58.0228, 46.2797**.

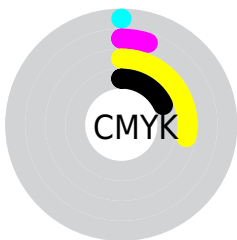
Distribution



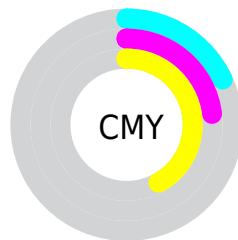
- Red (82%)
- Green (77%)
- Blue (58%)



- Red (64%)
- Yellow (82%)
- Blue (58%)



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



- Cyan (18%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4035, 55.5123, 36.4395 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 51.4035, 55.5123, 36.4395 by changing the saturation by 10% instead.

■ 51.4035, 55.5123,
36.4395

■ 51.4035, 55.5123,
36.4395

382.4913,
407.8510, 345.9728

■ 36.7522, 39.8120,
24.4814

■ 91.4304, 98.2911,
70.8865

■ 25.1885, 27.3920,
15.4756

■ 117.5367,
126.1385, 94.2126

■ 16.3470, 17.8679,
9.0036

148.1920,
158.8037, 122.1651

■ 9.8624, 10.8552,
4.6467

183.7616,
196.6712, 155.1626

■ 5.3694, 5.9695,
1.9864

224.6111,
240.1252, 193.6235

■ 2.5026, 2.8266,
0.5469

271.1056,

■ 0.8966, 1.0419,

289.5502, 237.9665

0.0000

323.6105,
345.3307, 288.6101

■ 0.0000, 0.0000,
0.0000

■ 51.4035, 55.5123,
36.4395

■ 51.4035, 55.5123,
36.4395

■ 49.0206, 53.1707,
28.1711

■ 54.1085, 58.0228,
46.2797

■ 46.9395, 50.9839,
21.3879

■ 57.1462, 60.7009,
57.7654

■ 45.1444, 48.9471,
16.0001

■ 60.5317, 63.5549,
70.9695

■ 43.6157, 47.0523,
11.9069

■ 64.2781, 66.5903,
85.9599

■ 42.3318, 45.2906,
8.9936

■ 68.3976, 69.8122,
102.8004

■ 41.2667, 43.6512,
7.1257

■ 69.7249, 71.9547,
104.8215

■ 40.3817, 42.1184,
6.0990

■ 70.7557, 74.0164,
105.1651

■ 40.2446, 41.8741,
5.9614

■ 71.8103, 76.1256,
105.5166

■ 72.8888, 78.2826,
105.8761

Harmonies

Analogous

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



56.5778, 55.5123, 37.7448



51.4035, 55.5123, 36.4395



46.8935, 55.5123, 40.6869

Triad

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



51.4035, 55.5123, 36.4395



45.3175, 55.5123, 79.6557



62.5045, 55.5123, 71.7568

Complementary

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



51.4035, 55.5123, 36.4395



36.3503, 36.0844, 64.7238

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.



59.1025, 55.5123, 85.7405



51.4035, 55.5123, 36.4395



49.1232, 55.5123, 90.7941

Square

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



51.4035, 55.5123, 36.4395



43.5323, 55.5123, 64.4559



54.1458, 55.5123, 93.1857



63.2138, 55.5123, 56.6011

Rectangle

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



51.4035, 55.5123, 36.4395



44.7916, 55.5123, 46.5790



54.1458, 55.5123, 93.1857



61.6277, 55.5123, 76.8176

Sweetspot

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



51.4049, 55.5148, 36.4407



90.2233, 95.9104, 90.1385



43.1758, 37.4716, 38.5837



19.1537, 20.3919, 18.6899



0.0000, 0.0000, 0.0000



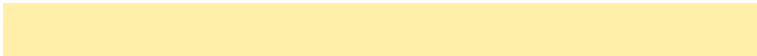
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4049, 55.5148, 36.4407



79.1562, 85.7391, 49.5698



49.2913, 58.2678, 37.0834



12.6083, 13.4074, 12.5354



25.1488, 26.2307, 3.7375



1.4558, 1.5660, 0.2255

Inverse Universe

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



36.3503, 36.0844, 64.7238



51.4981, 50.0492, 101.5540



38.0063, 34.2326, 64.2791



11.3394, 11.7691, 14.9177



7.5954, 3.8375, 37.5329



0.4793, 0.3238, 2.1168

Previews

White Background



This preview shows how the XYZ color 51.4035, 55.5123, 36.4395 looks on a white background.

Color Contrast Check

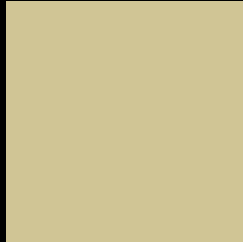
Large Text (above 18pt) WCAG AA × Fail

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 51.4035, 55.5123, 36.4395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

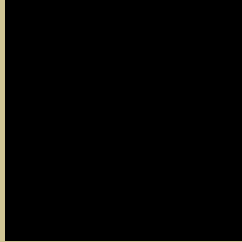
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

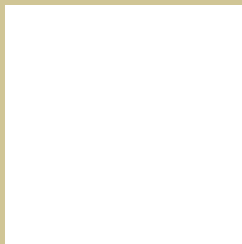
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4035, 55.5123, 36.4395

Background



This preview shows how black text looks on a background with the XYZ color 51.4035, 55.5123, 36.4395.

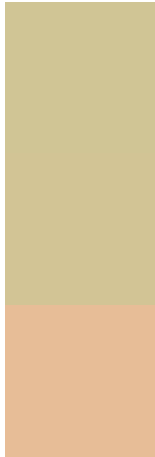


This preview shows how white text looks on a background with the XYZ color 51.4035, 55.5123,

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

51.4035, 55.5123, 36.4395

Protanopia

51.7431, 55.3514, 36.3905

Deuteranopia

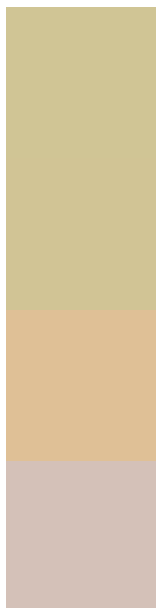
56.7385, 55.6185, 37.0232



Tritanopia

57.3369, 55.6336, 64.8431

Trichromacy



Original Color

51.4035, 55.5123, 36.4395

Protanomaly

51.4592, 55.2051, 36.3772

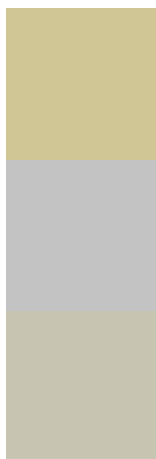
Deuteranomaly

54.7861, 55.5893, 36.6964

Tritanomaly

54.8731, 55.5977, 53.1867

Monochromacy



Original Color

51.4035, 55.5123, 36.4395

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.5952, 54.9736, 50.0111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4035, 55.5123, 36.4395 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(208, 197, 149)` looks like.

```
.text, #text, p{  
    color:rgb(208, 197, 149)  
}
```

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(208, 197, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 197, 149) }
```

Border

The CSS property to change the border of an element to XYZ 51.4035, 55.5123, 36.4395 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(208, 197, 149) }
```


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

```
.border{ border-color:rgb(208, 197, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 197, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 197, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 197, 149);  
box-shadow:4px 4px 4px 4px rgb(208, 197,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4035, 55.5123, 36.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 197, 149) }
```

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

```
.background{ background-color: rgb(208,  
197, 149) }
```

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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