

Converting Colors

XYZ(51.9897, 55.1900, 34.2981)

Have a look what the booklet for
XYZ(51.9897, 55.1900, 34.2981)
contains.

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Color

**XYZ(51.9897, 55.1900,
34.2981)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C390
RGB	213, 195, 144
RGB Percent	84%, 76%, 56%
CMY	0.1647, 0.2353, 0.4353
CMYK	0.00, 0.08, 0.32, 0.16
HSL	44°, 45%, 70%
HSV	44°, 32%, 84%
XYZ	51.9897, 55.1900, 34.2981
YIQ	194.5680, 27.0990, -12.0450

Conversions

Conversions Part 2

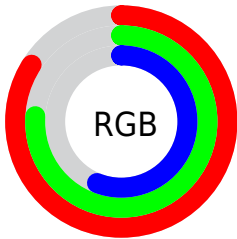
Format	Color
R _Y B	168, 213, 144
Decimal	14009232
CIE Lab	79.15, -1.22, 27.97
CIE LCh	79, 27.998, 92.498
Yxy	55.1900, 0.3675, 0.3901
Android (android.graphics.Color)	4292199312 (0xFFD5C390)
YUV	194.5680, -24.9300, 16.1649
Hunter-Lab	74.2900, -5.0894, 24.6300

Details

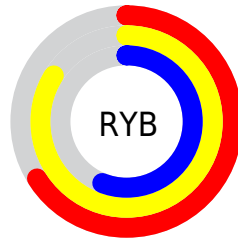
The XYZ color **51.9897, 55.1900, 34.2981** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.4318, 36.5728, 68.0899**, and the grayscale version is **51.7482, 54.4431, 59.2886**.

A 20% lighter version of the original color is **85.9302, 94.3316, 67.1049**, and **25.4053, 27.0082, 14.2300** is the 20% darker color. If you saturate the color by 10%, you get **49.2918, 52.1581, 26.1107**, and if you desaturate by 10%, it is **55.0439, 58.4424, 44.1209**.

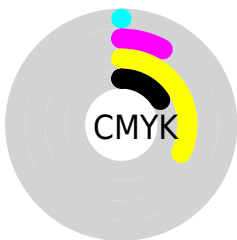
Distribution



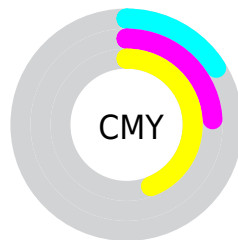
- Red (84%)
- Green (76%)
- Blue (56%)



- Red (66%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (8%)
- Yellow (32%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9897, 55.1900, 34.2981 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 51.9897, 55.1900, 34.2981 by changing the saturation by 10% instead.

■ 51.9897, 55.1900,
34.2981

■ 51.9897, 55.1900,
34.2981

384.7215,
406.6317, 336.2689

■ 37.2211, 39.5539,
22.8435

■ 92.2904, 97.8193,
67.5362

■ 25.5532, 27.1909,
14.2738

■ 118.5531,
125.5812, 90.1567

■ 16.6206, 17.7166,
8.1704

149.3780,
158.1539, 117.3363

■ 10.0580, 10.7467,
4.1148

185.1304,
195.9216, 149.4934

■ 5.5000, 5.8968,
1.6886

226.1755,
239.2689, 187.0467

■ 2.5812, 2.7824,
0.3529

272.8789,

■ 0.9364, 1.0192,

288.5801, 230.4147

0.0000

325.6057,
344.2396, 280.0159

■ 0.0000, 0.0000,
0.0000

■ 51.9897, 55.1900,
34.2981

■ 51.9897, 55.1900,
34.2981

■ 49.2918, 52.1581,
26.1107

■ 55.0439, 58.4424,
44.1209

■ 46.9281, 49.3313,
19.4639

■ 58.4667, 61.9152,
55.6598

■ 44.8806, 46.7034,
14.2583

■ 62.2748, 65.6177,
68.9944

■ 43.1274, 44.2649,
10.3817

■ 66.4826, 69.5565,
84.1982

■ 41.6435, 42.0050,
7.7048

■ 71.1037, 73.7378,
101.3408

■ 40.3989, 39.9108,
6.0725

■ 73.3263, 77.0375,
105.6128

■ 39.5739, 38.4129,
5.3287

■ 74.8821, 80.1492,
106.1314

■ 76.4875, 83.3600,
106.6665

■ 78.1430, 86.6709,
107.2183

Harmonies

Analogous

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



57.5753, 55.1900, 36.7255



51.9897, 55.1900, 34.2981



46.8938, 55.1900, 37.6995

Triad

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



51.9897, 55.1900, 34.2981



43.9075, 55.1900, 78.1842



62.5738, 55.1900, 75.4492

Complementary

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



51.9897, 55.1900, 34.2981



36.4318, 36.5728, 68.0899

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.



58.4424, 55.1900, 89.9557



51.9897, 55.1900, 34.2981



47.6503, 55.1900, 91.7216

Square

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



51.9897, 55.1900, 34.2981



42.4392, 55.1900, 61.4432



52.9260, 55.1900, 96.3684



63.9376, 55.1900, 58.7618

Rectangle

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



51.9897, 55.1900, 34.2981



44.3871, 55.1900, 43.2407



52.9260, 55.1900, 96.3684



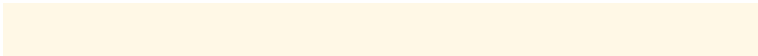
61.4489, 55.1900, 80.8365

Sweetspot

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



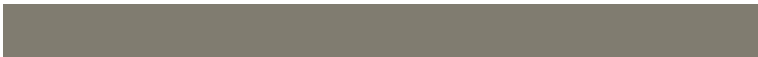
51.9911, 55.1925, 34.2992



89.1278, 94.2952, 87.9985



43.9714, 36.7161, 39.1391



18.9092, 20.0176, 18.2548



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.



51.9911, 55.1925, 34.2992



75.2397, 79.7191, 42.6748



51.8283, 61.4590, 35.5174



13.1860, 13.9463, 13.1576



24.2603, 23.6379, 3.2839



1.5287, 1.5566, 0.2199

Inverse Universe

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



36.4318, 36.5728, 68.0899



48.2963, 47.4889, 101.2285



36.5012, 32.2352, 67.2490



12.0033, 12.5301, 15.7234



8.2580, 4.7777, 38.9401



0.5657, 0.4234, 2.3712

Previews

White Background



This preview shows how the XYZ color 51.9897, 55.1900, 34.2981 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 51.9897, 55.1900, 34.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

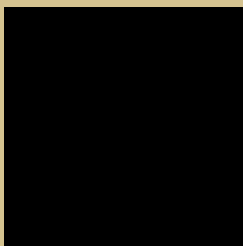
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

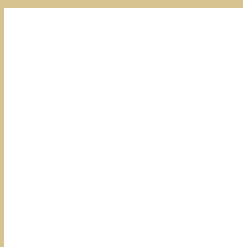
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9897, 55.1900, 34.2981

Background



This preview shows how black text looks on a background with the XYZ color 51.9897, 55.1900, 34.2981.

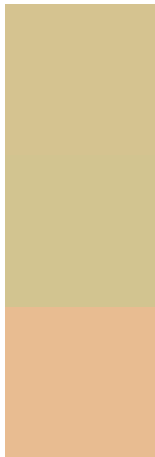


This preview shows how white text looks on a background with the XYZ color 51.9897, 55.1900,

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

51.9897, 55.1900, 34.2981

Protanopia

51.3523, 55.1951, 34.3327

Deuteranopia

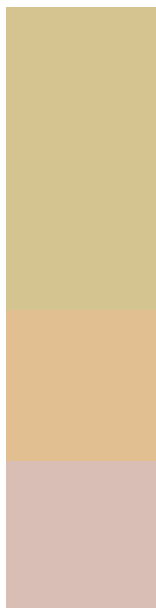
56.3728, 55.1666, 34.4651



Tritanopia

57.9462, 55.0206, 63.4431

Trichromacy



Original Color

51.9897, 55.1900, 34.2981

Protanomaly

51.6379, 55.3424, 34.3461

Deuteranomaly

54.7930, 55.3135, 34.5767

Tritanomaly

55.3692, 54.9148, 51.3974

Monochromacy



Original Color

51.9897, 55.1900, 34.2981

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7087, 54.7214, 48.9112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9897, 55.1900, 34.2981 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(213, 195, 144)` looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 144)  
}
```

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(213, 195, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 144) }
```

Border

The CSS property to change the border of an element to XYZ 51.9897, 55.1900, 34.2981 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(213, 195, 144) }
```


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

```
.border{ border-color:rgb(213, 195, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 195, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 195, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 195, 144);  
box-shadow:4px 4px 4px 4px rgb(213, 195,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9897, 55.1900, 34.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 144) }
```

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

```
.background{ background-color: rgb(213,  
195, 144) }
```

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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