

Converting Colors

XYZ(51.5983, 53.7897, 35.9732)

Have a look what the booklet for
XYZ(51.5983, 53.7897, 35.9732)
contains.

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Color

**XYZ(51.4962, 53.5777,
36.0612)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BF95
RGB	213, 191, 149
RGB Percent	84%, 75%, 58%
CMY	0.1647, 0.2510, 0.4157
CMYK	0.00, 0.10, 0.30, 0.16
HSL	39°, 43%, 71%
HSV	39°, 30%, 84%
XYZ	51.4962, 53.5777, 36.0612
YIQ	192.7900, 26.5940, -8.3980

Conversions

Conversions Part 2

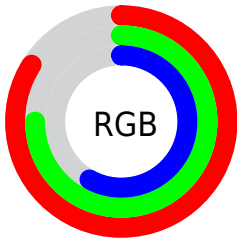
Format	Color
R_{YB}	183, 213, 149
Decimal	14008213
CIE _{Lab}	78.21, 1.52, 24.06
CIE _{LCh}	78, 24.112, 86.397
Yxy	53.5777, 0.3649, 0.3796
Android (android.graphics.Color)	4292198293 (0xFFD5BF95)
YUV	192.7900, -21.5885, 17.7242
Hunter-Lab	73.1968, -2.5141, 22.0279

Details

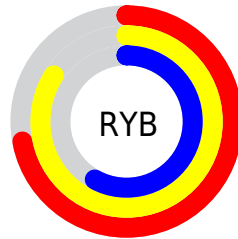
The XYZ color **51.4962, 53.5777, 36.0612** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.9672, 40.3183, 68.6793**, and the grayscale version is **50.6782, 53.3174, 58.0627**.

A 20% lighter version of the original color is **85.2803, 92.0933, 69.7810**, and **25.1977, 26.2269, 15.2895** is the 20% darker color. If you saturate the color by 10%, you get **48.3925, 49.8472, 27.3902**, and if you desaturate by 10%, it is **54.9935, 57.5971, 46.3990**.

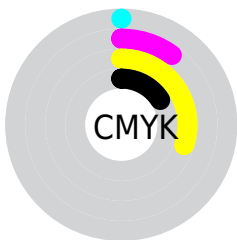
Distribution



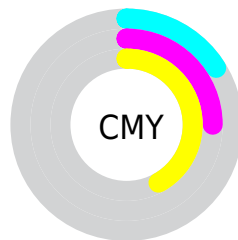
- Red (84%)
- Green (75%)
- Blue (58%)



- Red (72%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4962, 53.5777, 36.0612 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 51.4962, 53.5777, 36.0612 by changing the saturation by 10% instead.

■ 51.4962, 53.5777,
36.0612

■ 51.4962, 53.5777,
36.0612

382.8445,
400.4976, 344.2735

■ 36.8263, 38.2641,
24.1914

■ 91.5665, 95.4539,
70.2966

■ 25.2461, 26.1878,
15.2621

■ 117.6975,
122.7854, 93.4993

■ 16.3902, 16.9642,
8.8549

148.3797,
154.8915, 121.3167

■ 9.8933, 10.2089,
4.5511

183.9783,
192.1569, 154.1674

■ 5.3900, 5.5377,
1.9323

224.8588,
234.9658, 192.4699

■ 2.5149, 2.5661,
0.5132

271.3864,

■ 0.9028, 0.9096,

283.7026, 236.6427

0.0000

323.9265,
338.7517, 287.1044

■ 0.0000, 0.0000,
0.0000

■ 51.4962, 53.5777,
36.0612

■ 51.4962, 53.5777,
36.0612

■ 48.3925, 49.8472,
27.3902

■ 54.9935, 57.5971,
46.3990

■ 45.6601, 46.3891,
20.2929

■ 58.8972, 61.9067,
58.4831

■ 43.2806, 43.1962,
14.6721


■ 63.2242, 66.5168,
72.3923


■ 41.2322, 40.2577,
10.4183


■ 67.9894, 71.4353,
88.1990

■ 39.4900, 37.5618,
7.4067


■ 73.1260, 76.6369,
105.5460


 38.0246, 35.0946,
5.4891

 75.1781, 80.7411,
106.2300

 36.7891, 32.8431,
4.4004

 77.3165, 85.0178,
106.9428

 79.5421, 89.4690,
107.6847

 81.2506, 92.8862,
108.2542

Harmonies

Analogous

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



56.1110, 53.5777, 39.2646



51.4962, 53.5777, 36.0612



46.9967, 53.5777, 38.0240

Triad

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



51.4962, 53.5777, 36.0612



43.2233, 53.5777, 70.6656



58.8589, 53.5777, 73.9280

Complementary

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



51.4962, 53.5777, 36.0612



38.9672, 40.3183, 68.6793

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.



55.0642, 53.5777, 84.8380



51.4962, 53.5777, 36.0612



46.0670, 53.5777, 82.7596

Square

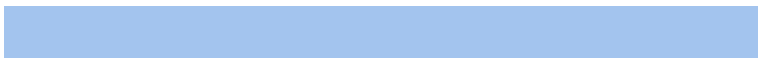
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.4962, 53.5777, 36.0612



42.3969, 53.5777, 56.7195



50.3560, 53.5777, 88.2948



60.5241, 53.5777, 59.9849

Rectangle

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



51.4962, 53.5777, 36.0612



44.6338, 53.5777, 42.1922



50.3560, 53.5777, 88.2948



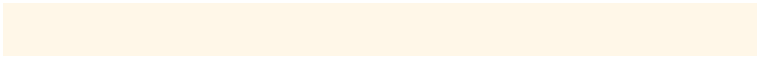
57.7790, 53.5777, 78.1500

Sweetspot

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



51.4976, 53.5801, 36.0623



89.1078, 93.6795, 89.7666



45.5773, 38.5972, 43.7767



18.8778, 19.8401, 18.5979



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.



51.4976, 53.5801, 36.0623



74.3770, 76.9280, 45.6729



53.9570, 62.5114, 37.6566



13.0968, 13.7678, 13.1279



22.5708, 20.2588, 2.7207



1.4370, 1.3733, 0.1893

Inverse Universe

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



38.9672, 40.3183, 68.6793



52.6542, 53.9456, 102.2451



36.9772, 33.6298, 67.4932



12.0881, 12.6996, 15.7517



8.8858, 6.0335, 39.1494



0.6119, 0.5158, 2.3866

Previews

White Background



This preview shows how the XYZ color 51.4962, 53.5777, 36.0612 looks on a white background.

Color Contrast Check

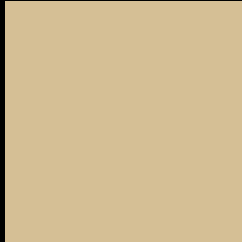
Large Text (above 18pt) WCAG AA × Fail

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 51.4962, 53.5777, 36.0612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

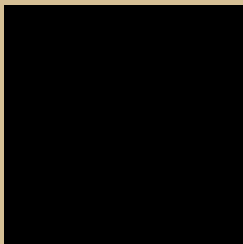
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4962, 53.5777, 36.0612

Background



This preview shows how black text looks on a background with the XYZ color 51.4962, 53.5777, 36.0612.

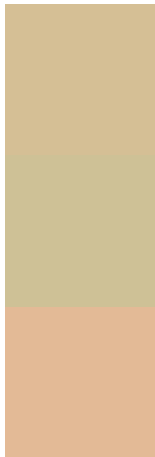


This preview shows how white text looks on a background with the XYZ color 51.4962, 53.5777,

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

51.4962, 53.5777, 36.0612

Protanopia

50.0286, 53.4637, 36.5369

Deuteranopia

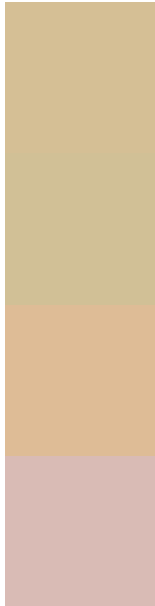
54.7425, 53.6507, 36.3245



Tritanopia

56.6627, 53.4646, 61.3661

Trichromacy



Original Color

51.4962, 53.5777, 36.0612

Protanomaly

50.6492, 53.4566, 36.5028

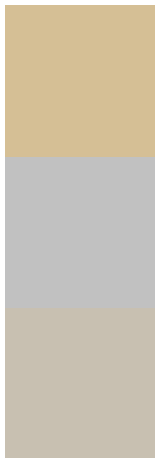
Deuteranomaly

53.6124, 53.6980, 36.3932

Tritanomaly

54.7261, 53.6286, 51.1830

Monochromacy



Original Color

51.4962, 53.5777, 36.0612

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.6049, 53.1530, 49.1874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4962, 53.5777, 36.0612 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, 191, 149)` looks like.

```
.text, #text, p{  
    color:rgb(213, 191, 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(213, 191, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 191, 149) }
```

Border

The CSS property to change the border of an element to XYZ 51.4962, 53.5777, 36.0612 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, 191, 149) }
```


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

```
.border{ border-color:rgb(213, 191, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 191, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 191, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 191, 149);  
box-shadow:4px 4px 4px 4px rgb(213, 191,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4962, 53.5777, 36.0612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 191, 149) }
```

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

```
.background{ background-color: rgb(213,  
191, 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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