

Converting Colors

XYZ(54.0774, 56.3205, 35.7495)

Have a look what the booklet for
XYZ(54.0774, 56.3205, 35.7495)
contains.

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Color

**XYZ(53.9950, 56.1969,
35.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC393
RGB	219, 195, 147
RGB Percent	86%, 76%, 58%
CMY	0.1412, 0.2353, 0.4235
CMYK	0.00, 0.11, 0.33, 0.14
HSL	40°, 50%, 72%
HSV	40°, 33%, 86%
XYZ	53.9950, 56.1969, 35.6050
YIQ	196.7040, 29.7120, -9.8400

Conversions

Conversions Part 2

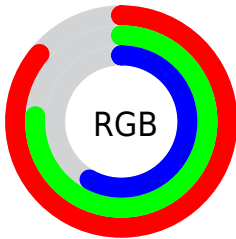
Format	Color
RYB	183, 219, 147
Decimal	14402451
CIELab	79.73, 1.49, 27.26
CIELCh	80, 27.296, 86.867
Yxy	56.1969, 0.3703, 0.3854
Android (android.graphics.Color)	4292592531 (0xFFDBC393)
YUV	196.7040, -24.5041, 19.5536
Hunter-Lab	74.9646, -2.6192, 24.3150

Details

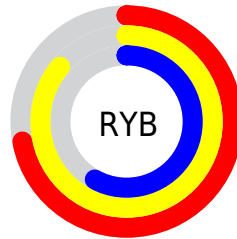
The XYZ color **53.9950, 56.1969, 35.6050** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.3813, 40.4421, 72.7484**, and the grayscale version is **53.0241, 55.7855, 60.7504**.

A 20% lighter version of the original color is **86.2798, 94.4714, 68.9457**, and **26.7405, 27.6808, 14.9999** is the 20% darker color. If you saturate the color by 10%, you get **50.8424, 52.3848, 26.8677**, and if you desaturate by 10%, it is **57.5576, 60.3049, 46.0942**.

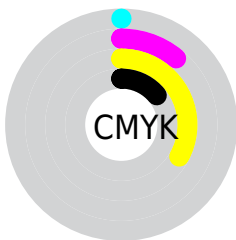
Distribution



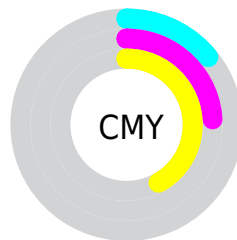
- Red (86%)
- Green (76%)
- Blue (58%)



- Red (72%)
- Yellow (86%)
- Blue (58%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)
- Black (14%)





- Cyan (14%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9950, 56.1969, 35.6050 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 53.9950, 56.1969, 35.6050 by changing the saturation by 10% instead.


 53.9950, 56.1969,
35.6050


 53.9950, 56.1969,
35.6050


392.2896,
410.4331, 342.2158

 38.8283, 40.3608,
23.8420


 95.2238, 99.2924,
69.5841

 26.8063, 27.8200,
15.0053

 122.0167,
127.3206, 92.6373

 17.5637, 18.1900,
8.6765


153.4157,
160.1817, 120.2910

 10.7350, 11.0865,
4.4368

189.7861,
198.2599, 152.9638

 5.9549, 6.1250,
1.8679

231.4934,
241.9398, 191.0741

 2.8581, 2.9213,
0.4722

278.9028,

 1.0792, 1.0908,

291.6057, 235.0405

0.0000

332.3798,
347.6420, 285.2816

■ 0.0076, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9950, 56.1969,
35.6050

■ 53.9950, 56.1969,
35.6050

■ 50.8424, 52.3848,
26.8677

■ 57.5576, 60.3049,
46.0942

■ 48.0757, 48.8512,
19.7805

■ 61.5442, 64.7102,
58.4225

■ 45.6747, 45.5881,
14.2361

■ 65.9732, 69.4238,
72.6755

■ 43.6154, 42.5841,
10.1133

■ 70.8607, 74.4539,
88.9323

■ 41.8699, 39.8260,
7.2723

■ 75.9790, 79.7111,
105.9890

■ 40.4052, 37.2987,
5.5445

■ 78.0704, 83.8940,
106.6862

■ 39.4947, 35.6226,
4.7942

■ 80.2481, 88.2495,
107.4121

■ 82.5131, 92.7794,
108.1671

■ 83.0235, 93.8001,
108.3372

Harmonies

Analogous

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



59.4198, 56.1969, 39.1240



53.9950, 56.1969, 35.6050



48.7646, 56.1969, 37.9052

Triad

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



53.9950, 56.1969, 35.6050



44.5040, 56.1969, 75.9600



62.7914, 56.1969, 79.3286

Complementary

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



53.9950, 56.1969, 35.6050



39.3813, 40.4421, 72.7484

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.



58.3488, 56.1969, 92.4639



53.9950, 56.1969, 35.6050



47.8262, 56.1969, 90.2959

Square

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



53.9950, 56.1969, 35.6050



43.5123, 56.1969, 59.5444



52.8361, 56.1969, 96.7851



64.7130, 56.1969, 62.8634

Rectangle

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



53.9950, 56.1969, 35.6050



46.0449, 56.1969, 42.6905



52.8361, 56.1969, 96.7851



61.5290, 56.1969, 84.3814

Sweetspot

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



53.9964, 56.1995, 35.6062



88.5614, 93.1623, 87.8097



46.9983, 38.8684, 43.5540



18.7717, 19.7426, 18.2090



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.



53.9964, 56.1995, 35.6062



73.2860, 75.8116, 42.0236



56.3304, 66.0352, 37.3816



13.7776, 14.4946, 13.7972



23.5229, 21.3314, 2.8776



1.6019, 1.5379, 0.2124

Inverse Universe

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



39.3813, 40.4421, 72.7484



49.8050, 50.5064, 101.7314



37.5186, 33.3536, 71.4784



12.6915, 13.3227, 16.5548



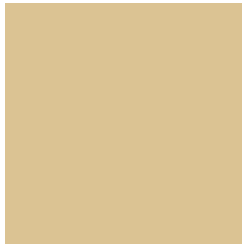
9.0840, 6.0374, 40.4250



0.6662, 0.5466, 2.6448

Previews

White Background



This preview shows how the XYZ color 53.9950, 56.1969, 35.6050 looks on a white background.

Color Contrast Check

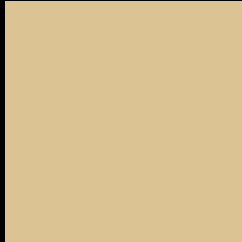
Large Text (above 18pt) WCAG AA × Fail

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 53.9950, 56.1969, 35.6050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

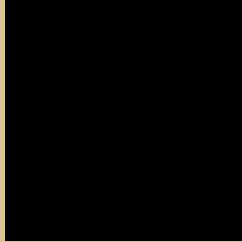
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9950, 56.1969, 35.6050

Background



This preview shows how black text looks on a background with the XYZ color 53.9950, 56.1969, 35.6050.



This preview shows how white text looks on a background with the XYZ color 53.9950, 56.1969,

35.6050.

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

53.9950, 56.1969, 35.6050

Protanopia

52.4629, 56.0677, 36.0740

Deuteranopia

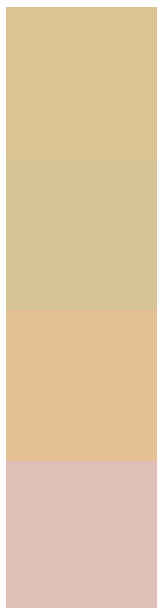
57.3630, 56.2887, 35.8584



Tritanopia

59.6952, 56.2383, 63.5859

Trichromacy



Original Color

53.9950, 56.1969, 35.6050

Protanomaly

53.1096, 56.0650, 36.0394

Deuteranomaly

56.1898, 56.3314, 35.9285

Tritanomaly

57.5057, 56.3270, 52.0973

Monochromacy



Original Color

53.9950, 56.1969, 35.6050

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.0534, 55.7137, 50.6054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9950, 56.1969, 35.6050 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(219, 195, 147)` looks like.

```
.text, #text, p{  
    color:rgb(219, 195, 147)  
}
```

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(219, 195, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 195, 147) }
```

Border

The CSS property to change the border of an element to XYZ 53.9950, 56.1969, 35.6050 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(219, 195, 147) }
```


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

```
.border{ border-color:rgb(219, 195, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 195, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 195, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 195, 147);  
box-shadow:4px 4px 4px 4px rgb(219, 195,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9950, 56.1969, 35.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 195, 147) }
```

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

```
.background{ background-color: rgb(219,  
195, 147) }
```

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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