

Converting Colors

XYZ(53.5852, 56.6790, 33.7626)

Have a look what the booklet for
XYZ(53.5852, 56.6790, 33.7626)
contains.

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Color

**XYZ(53.4640, 56.6372,
33.7054)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C58E
RGB	217, 197, 142
RGB Percent	85%, 77%, 56%
CMY	0.1490, 0.2274, 0.4431
CMYK	0.00, 0.09, 0.35, 0.15
HSL	44°, 50%, 70%
HSV	44°, 35%, 85%
XYZ	53.4640, 56.6372, 33.7054
YIQ	196.7100, 29.5750, -12.8650

Conversions

Conversions Part 2

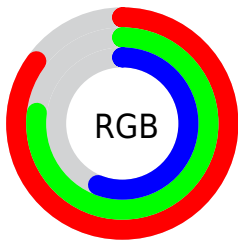
Format	Color
R _Y B	169, 217, 142
Decimal	14271886
CIE Lab	79.98, -0.94, 30.18
CIE LCh	80, 30.196, 91.793
Yxy	56.6372, 0.3718, 0.3938
Android (android.graphics.Color)	4292461966 (0xFFD9C58E)
YUV	196.7100, -26.9720, 17.7943
Hunter-Lab	75.2577, -4.8923, 26.1264

Details

The XYZ color **53.4640, 56.6372, 33.7054** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.5997, 36.6001, 70.7812**, and the grayscale version is **53.0422, 55.8045, 60.7711**.

A 20% lighter version of the original color is **86.6456, 96.1291, 66.2126**, and **26.4087, 27.9773, 13.9058** is the 20% darker color. If you saturate the color by 10%, you get **50.7027, 53.4729, 25.5145**, and if you desaturate by 10%, it is **56.5958, 60.0344, 43.5859**.

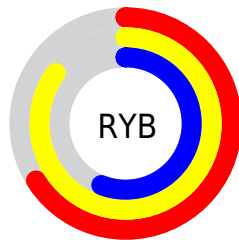
Distribution



Red (85%)

Green (77%)

Blue (56%)



Red (66%)

Yellow (85%)

Blue (56%)

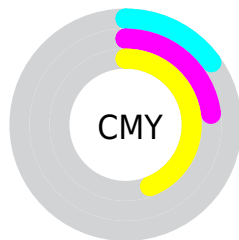


Cyan (0%)

Magenta (9%)

Yellow (35%)

Black (15%)



Cyan (15%)


Magenta (23%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4640, 56.6372, 33.7054 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 53.4640, 56.6372, 33.7054 by changing the saturation by 10% instead.


 53.4640, 56.6372,
33.7054


 53.4640, 56.6372,
33.7054


390.2946,
412.0885, 333.5454

 38.4023, 40.7140,
22.3918


 94.4483, 99.9356,
66.6039

 26.4737, 28.0957,
13.9440


 121.1016,
128.0797, 89.0260

 17.3129, 18.3978,
7.9434


152.3494,
161.0661, 115.9880

 10.5545, 11.2360,
3.9715

188.5572,
199.2794, 147.9084

 5.8332, 6.2258,
1.6097

230.0902,
243.1039, 185.2058

 2.7836, 2.9829,
0.2978

277.3139,

 1.0404, 1.1228,

292.9239, 228.2987

0.0000

330.5936,
349.1240, 277.6058

■ 0.0000, 0.0000,
0.0000

■ 53.4640, 56.6372,
33.7054

■ 53.4640, 56.6372,
33.7054

■ 50.7027, 53.4729,
25.5145

■ 56.5958, 60.0344,
43.5859

■ 48.2886, 50.5252,
18.9121

■ 60.1113, 63.6646,
55.2420

■ 46.2020, 47.7875,
13.7918

■ 64.0283, 67.5379,
68.7583

■ 44.4196, 45.2493,
10.0327

■ 68.3621, 71.6611,
84.2127

■ 42.9142, 42.8990,
7.4945

■ 73.1272, 76.0409,
101.6788

41.6527, 40.7222,
6.0063

75.4423, 79.5257,
105.9815

41.0389, 39.5989,
5.4804

77.0951, 82.8313,
106.5324

78.8019, 86.2450,
107.1014

80.5634, 89.7679,
107.6885

Harmonies

Analogous

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



59.5981, 56.6372, 36.4455



53.4640, 56.6372, 33.7054



47.8573, 56.6372, 37.1944

Triad

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



53.4640, 56.6372, 33.7054



44.4215, 56.6372, 81.2193



64.9025, 56.6372, 79.0410

Complementary

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



53.4640, 56.6372, 33.7054



36.5997, 36.6001, 70.7812

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.



60.2843, 56.6372, 95.0432



53.4640, 56.6372, 33.7054



48.4503, 56.6372, 96.4594

Square

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



53.4640, 56.6372, 33.7054



42.8885, 56.6372, 62.7305



54.2016, 56.6372, 101.9400



66.4946, 56.6372, 60.6181

Rectangle

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



53.4640, 56.6372, 33.7054



45.0904, 56.6372, 43.0557



54.2016, 56.6372, 101.9400



63.6361, 56.6372, 84.9942

Sweetspot

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



53.4654, 56.6398, 33.7066



89.0822, 94.2040, 87.9834



44.8103, 36.7070, 38.9065



18.8981, 19.9954, 18.2511



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.



53.4654, 56.6398, 33.7066



74.2852, 78.4842, 40.2782



53.3817, 63.7895, 35.0910



13.8533, 14.6459, 13.8224



24.9337, 24.1530, 3.3478



1.6847, 1.7034, 0.2400

Inverse Universe

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



36.5997, 36.6001, 70.7812



46.6954, 45.7163, 100.9708



36.5954, 31.7786, 69.8508



12.6196, 13.1790, 16.5308



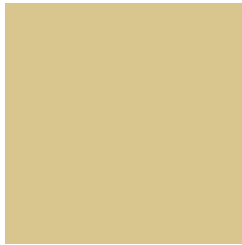
8.5675, 5.0045, 40.2528



0.6255, 0.4652, 2.6313

Previews

White Background



This preview shows how the XYZ color 53.4640, 56.6372, 33.7054 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 53.4640, 56.6372, 33.7054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

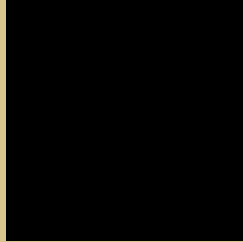
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4640, 56.6372, 33.7054

Background



This preview shows how black text looks on a background with the XYZ color 53.4640, 56.6372, 33.7054.



This preview shows how white text looks on a background with the XYZ color 53.4640, 56.6372,

33.7054.

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

53.4640, 56.6372, 33.7054

Protanopia

52.8836, 56.6675, 34.1373

Deuteranopia

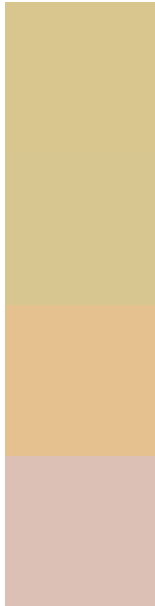
57.6323, 56.4722, 33.8493



Tritanopia

59.8371, 56.6021, 64.8983

Trichromacy



Original Color

53.4640, 56.6372, 33.7054

Protanomaly

53.1763, 56.8184, 34.1510

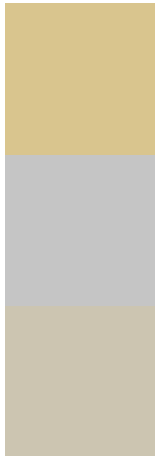
Deuteranomaly

56.0228, 56.6171, 33.9621

Tritanomaly

57.0089, 56.4076, 51.5991

Monochromacy



Original Color

53.4640, 56.6372, 33.7054

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8039, 55.9442, 49.6102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4640, 56.6372, 33.7054 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(217, 197, 142)` looks like.

```
.text, #text, p{  
    color:rgb(217, 197, 142)  
}
```

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(217, 197, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 197, 142) }
```

Border

The CSS property to change the border of an element to XYZ 53.4640, 56.6372, 33.7054 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(217, 197, 142) }
```


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

```
.border{ border-color:rgb(217, 197, 142) }
```

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

Here you see how a box with a 4 pixel rgb(217, 197, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 197, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 197, 142);  
box-shadow:4px 4px 4px 4px rgb(217, 197,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4640, 56.6372, 33.7054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 197, 142) }
```

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

```
.background{ background-color: rgb(217,  
197, 142) }
```

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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