

Converting Colors

XYZ(50.4967, 53.3103, 40.3809)

Have a look what the booklet for
XYZ(50.4967, 53.3103, 40.3809)
contains.

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Color

**XYZ(50.5612, 53.3243,
40.4286)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC09F
RGB	206, 192, 159
RGB Percent	81%, 75%, 62%
CMY	0.1922, 0.2470, 0.3765
CMYK	0.00, 0.07, 0.23, 0.19
HSL	42°, 32%, 72%
HSV	42°, 23%, 81%
XYZ	50.5612, 53.3243, 40.4286
YIQ	192.4240, 18.9370, -7.2950

Conversions

Conversions Part 2

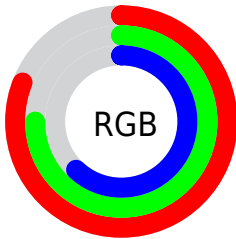
Format	Color
RYB	179, 206, 159
Decimal	13549727
CIELab	78.07, -0.33, 18.43
CIELCh	78, 18.436, 91.011
Yxy	53.3243, 0.3504, 0.3695
Android (android.graphics.Color)	4291739807 (0xFFCEC09F)
YUV	192.4240, -16.4780, 11.9062
Hunter-Lab	73.0235, -4.1984, 18.2912

Details

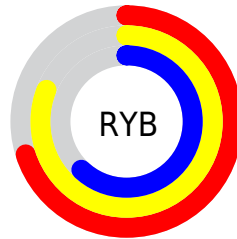
The XYZ color **50.5612, 53.3243, 40.4286** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.3819, 41.7131, 64.3157**, and the grayscale version is **50.4376, 53.0643, 57.7870**.

A 20% lighter version of the original color is **86.9450, 93.2498, 77.0349**, and **24.6490, 26.1061, 17.6498** is the 20% darker color. If you saturate the color by 10%, you get **47.6020, 50.0320, 31.3457**, and if you desaturate by 10%, it is **53.8773, 56.8528, 51.1016**.

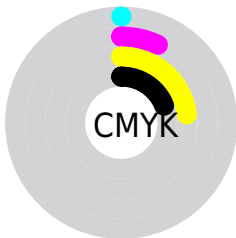
Distribution



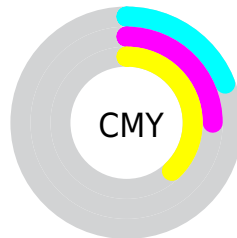
- Red (81%)
- Green (75%)
- Blue (62%)



- Red (70%)
- Yellow (81%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (23%)
- Black (19%)




- Cyan (19%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5612, 53.3243, 40.4286 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 50.5612, 53.3243, 40.4286 by changing the saturation by 10% instead.

 50.5612, 53.3243,
40.4286


 50.5612, 53.3243,
40.4286


379.2723,
399.5281, 363.5324

 36.0791, 38.0617,
27.5565


 90.1927, 95.0814,
77.0599

 24.6657, 26.0306,
17.7555


 116.0728,
122.3447, 101.6563

 15.9556, 16.8465,
10.6070

146.4830,
154.3771, 130.9979

 9.5834, 10.1251,
5.6924

181.7886,
191.5628, 165.5032

 5.1837, 5.4820,
2.5932

222.3550,
234.2864, 205.5907

 2.3913, 2.5328,
0.8889

268.5475,

 0.8408, 0.8930,

282.9322, 251.6791

0.0000

320.7315,
337.8847, 304.1868

■ 0.0000, 0.0000,
0.0000

■ 50.5612, 53.3243,
40.4286

■ 50.5612, 53.3243,
40.4286

■ 47.6020, 50.0320,
31.3457

■ 53.8773, 56.8528,
51.1016

■ 44.9801, 46.9616,
23.7715

■ 57.5605, 60.6173,
63.4337

■ 42.6802, 44.1076,
17.6227

■ 61.6258, 64.6265,
77.4942

■ 40.6839, 41.4616,
12.8062

■ 66.0858, 68.8866,
93.3473

■ 38.9709, 39.0143,
9.2181

■ 69.8048, 72.9442,
105.0083

■ 37.5178, 36.7551,
6.7386

■ 71.4704, 76.2754,
105.5635

■ 36.2964, 34.6717,
5.2238

■ 73.1960, 79.7265,
106.1387

■ 35.5270, 33.2686,
4.5490

■ 74.9821, 83.2988,
106.7340

■ 76.8294, 86.9934,
107.3498

Harmonies

Analogous

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



54.1082, 53.3243, 42.4064



50.5612, 53.3243, 40.4286



47.2039, 53.3243, 42.6905

Triad

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



50.5612, 53.3243, 40.4286



44.9855, 53.3243, 68.8716



56.9744, 53.3243, 68.1955

Complementary

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



50.5612, 53.3243, 40.4286



40.3819, 41.7131, 64.3157

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.



54.3293, 53.3243, 76.7384



50.5612, 53.3243, 40.4286



47.4058, 53.3243, 77.1602

Square

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



50.5612, 53.3243, 40.4286



44.0800, 53.3243, 58.4113



50.8053, 53.3243, 80.1939



57.9149, 53.3243, 57.7123

Rectangle

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



50.5612, 53.3243, 40.4286



45.4970, 53.3243, 46.4731



50.8053, 53.3243, 80.1939



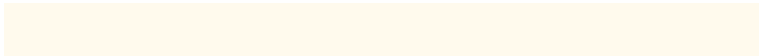
56.2492, 53.3243, 71.4311

Sweetspot

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



50.5626, 53.3267, 40.4297



90.6357, 95.5587, 93.9034



45.4047, 40.9397, 45.0956



19.3214, 20.3735, 19.8364



0.0000, 0.0000, 0.0000



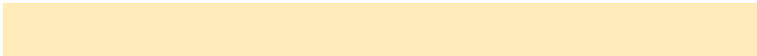
20.3446, 21.4041, 23.3091

Same Dimension

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



50.5626, 53.3267, 40.4297



79.6838, 83.9414, 58.5405



51.2510, 58.4624, 41.3847



11.8608, 12.5106, 11.8691



21.9644, 20.6619, 2.8305



1.1973, 1.1943, 0.1674

Inverse Universe

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



40.3819, 41.7131, 64.3157



60.5647, 62.1349, 103.4089



39.7730, 37.6220, 63.5582



10.8695, 11.3795, 14.1939



7.9733, 4.9705, 36.4954



0.4781, 0.3899, 1.9050

Previews

White Background



This preview shows how the XYZ color 50.5612, 53.3243, 40.4286 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 50.5612, 53.3243, 40.4286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

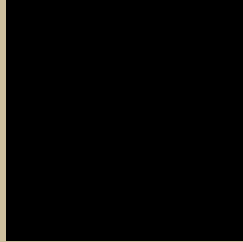
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5612, 53.3243, 40.4286

Background



This preview shows how black text looks on a background with the XYZ color 50.5612, 53.3243, 40.4286.



This preview shows how white text looks on a background with the XYZ color 50.5612, 53.3243,

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

50.5612, 53.3243, 40.4286

Protanopia

50.2298, 53.4805, 40.4763

Deuteranopia

54.3355, 53.3439, 40.6903



Tritanopia

54.9655, 53.1837, 62.6268

Trichromacy



Original Color

50.5612, 53.3243, 40.4286

Protanomaly

50.5048, 53.6223, 40.4891

Deuteranomaly

52.9437, 53.2562, 40.7468

Tritanomaly

53.1406, 53.0669, 53.8965

Monochromacy



Original Color

50.5612, 53.3243, 40.4286

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1138, 52.8649, 50.7427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5612, 53.3243, 40.4286 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(206, 192, 159)` looks like.

```
.text, #text, p{  
    color:rgb(206, 192, 159)  
}
```

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(206, 192, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 192, 159) }
```

Border

The CSS property to change the border of an element to XYZ 50.5612, 53.3243, 40.4286 is called "border". The border property can be set on classes, ids or directly on the HTML element.

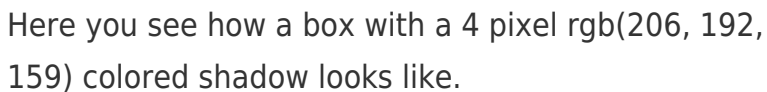
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 192, 159) }
```


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

```
.border{ border-color:rgb(206, 192, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 192, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 192, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 192, 159);  
box-shadow:4px 4px 4px 4px rgb(206, 192,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5612, 53.3243, 40.4286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 192, 159) }
```

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

```
.background{ background-color: rgb(206,  
192, 159) }
```

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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