

# Converting Colors

XYZ(53.0841, 60.0439, 45.3510)

Have a look what the booklet for  
XYZ(53.0841, 60.0439, 45.3510)  
contains.

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# Color

**XYZ(53.0841, 60.0439,  
45.3510)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7D0A7
RGB	199, 208, 167
RGB Percent	78%, 82%, 65%
CMY	0.2196, 0.1843, 0.3451
CMYK	0.04, 0.00, 0.20, 0.18
HSL	73°, 30%, 74%
HSV	73°, 20%, 82%
XYZ	53.0841, 60.0439, 45.3510
YIQ	200.6350, 7.7970, -14.6590

# Conversions

## Conversions Part 2

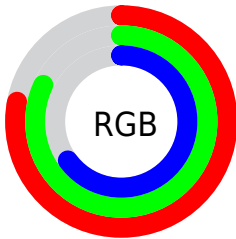
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">167, 208, 176</a>
Decimal	<a href="#">13095079</a>
<a href="#">CIELab</a>	<a href="#">81.86, -10.06, 19.37</a>
<a href="#">CIELCh</a>	<a href="#">82, 21.822, 117.446</a>
<a href="#">Yxy</a>	<a href="#">60.0439, 0.3350, 0.3789</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291285159 (0xFFC7D0A7)</a>
<a href="#">YUV</a>	<a href="#">200.6350, -16.5821, -1.4339</a>
<a href="#">Hunter-Lab</a>	<a href="#">77.4880, -13.3204, 19.5412</a>

# Details

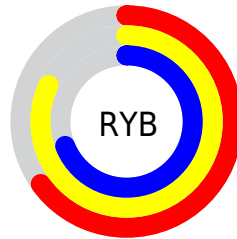
The XYZ color **53.0841, 60.0439, 45.3510** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.1108, 41.4232, 65.4011**, and the grayscale version is **55.3887, 58.2732, 63.4596**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **26.3272, 30.3687, 20.6938** is the 20% darker color. If you saturate the color by 10%, you get **50.1205, 58.7225, 35.9692**, and if you desaturate by 10%, it is **56.3966, 61.5131, 56.3661**.

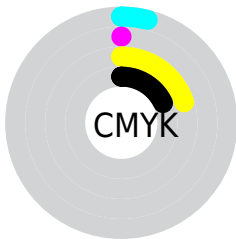
# Distribution



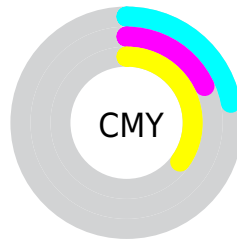
- Red (78%)
- Green (82%)
- Blue (65%)



- Red (65%)
- Yellow (82%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)




- Cyan (22%)
- Magenta (18%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0841, 60.0439, 45.3510 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 53.0841, 60.0439, 45.3510 by changing the saturation by 10% instead.





 53.0841, 60.0439,  
45.3510


 53.0841, 60.0439,  
45.3510


388.8633,  
424.7596, 384.3948

 38.0977, 43.4540,  
31.3890


 93.8929, 104.8933,  
84.5709

 26.2361, 30.2415,  
20.6343

 120.4460,  
133.9217, 110.6659

 17.1339, 20.0220,  
12.6683


151.5853,  
167.8650, 141.6423

 10.4259, 12.4110,  
7.0725

187.6763,  
207.1077, 177.9187

 5.7467, 7.0242,  
3.4284

229.0842,  
252.0340, 219.9136

 2.7309, 3.4773,  
1.3173

276.1744,

 1.0131, 1.3857,

303.0286, 268.0456

0.0759

329.3123,  
360.4756, 322.7331

■ 0.0000, 0.2061,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 53.0841, 60.0439,  
45.3510

■ 53.0841, 60.0439,  
45.3510

■ 50.1205, 58.7225,  
35.9692

■ 56.3966, 61.5131,  
56.3661

■ 47.4859, 57.5349,  
28.1391

■ 60.0674, 63.1277,  
69.0831

■ 45.1657, 56.4772,  
21.7778

■ 64.1113, 64.8959,  
83.5715

■ 43.1421, 55.5422,  
16.7933

■ 68.5407, 66.8227,  
99.8957

■ 41.3952, 54.7220,  
13.0832

■ 70.6824, 67.8386,  
103.9765

■ 39.9027, 54.0075,  
10.5306

■ 72.0993, 68.5691,  
104.0429

■ 38.6379, 53.3881,  
8.9975

■ 73.5544, 69.3192,  
104.1109

■ 37.5538, 52.8449,  
8.2380

■ 75.0480, 70.0892,  
104.1808

■ 37.5237, 52.8298,  
8.2195

■ 76.5803, 70.8791,  
104.2526

# Harmonies

## Analogous

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



57.4656, 60.0439, 43.1694



53.0841, 60.0439, 45.3510



49.9251, 60.0439, 52.6558

# Triad

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



53.0841, 60.0439, 45.3510



52.4353, 60.0439, 89.1742



66.3836, 60.0439, 66.5146

# Complementary

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



53.0841, 60.0439, 45.3510



43.1108, 41.4232, 65.4011

# 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.



64.8658, 60.0439, 79.9993



53.0841, 60.0439, 45.3510



56.6761, 60.0439, 94.1343

# Square

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



53.0841, 60.0439, 45.3510



49.5649, 60.0439, 77.7801



61.2504, 60.0439, 90.5718



65.2967, 60.0439, 54.3690



# Rectangle

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



53.0841, 60.0439, 45.3510



48.8536, 60.0439, 60.0173



61.2504, 60.0439, 90.5718



66.1594, 60.0439, 71.0479

# Sweetspot

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



53.0857, 60.0465, 45.3523



91.4583, 98.4218, 96.3815



48.4920, 47.2066, 43.1160



19.4949, 21.0307, 20.3511



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

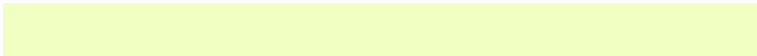


# Same Dimension

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



53.0857, 60.0465, 45.3523



81.9423, 94.2056, 64.7859



48.0349, 57.4428, 45.1159



12.5388, 13.6612, 12.5881



23.4710, 32.9687, 5.1265



1.3767, 1.8766, 0.2897



# Inverse Universe

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



43.1108, 41.4232, 65.4011



63.0965, 59.0146, 102.6732



48.0707, 43.9802, 65.6333



11.4030, 11.5411, 14.8703



7.8574, 3.2309, 37.4020



0.5089, 0.2165, 2.0945



# Previews

## White Background



This preview shows how the XYZ color 53.0841, 60.0439, 45.3510 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

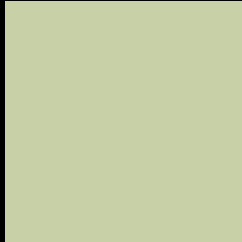
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.0841, 60.0439, 45.3510 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

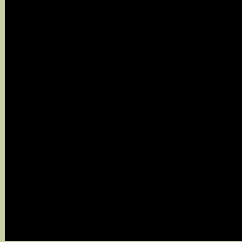
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

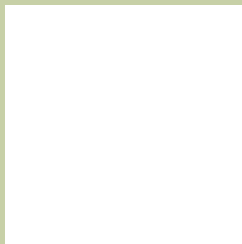
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 53.0841, 60.0439, 45.3510

## Background



This preview shows how black text looks on a background with the XYZ color 53.0841, 60.0439, 45.3510.



This preview shows how white text looks on a background with the XYZ color 53.0841, 60.0439,

45.3510.

# 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

53.0841, 60.0439, 45.3510

### Protanopia

56.4664, 60.0274, 44.2077

### Deuteranopia

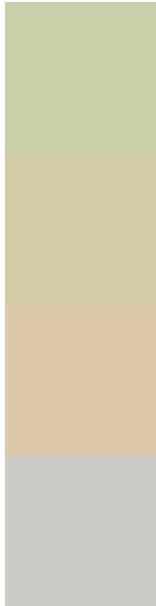
61.2566, 60.0443, 46.3913



## Tritanopia

58.8646, 59.9049, 74.1059

# Trichromacy



## Original Color

53.0841, 60.0439, 45.3510

## Protanomaly

55.2926, 60.1175, 44.7660

## Deuteranomaly

57.9399, 59.7027, 46.0061

## Tritanomaly

56.5303, 60.0058, 62.6356

# Monochromacy



## Original Color

53.0841, 60.0439, 45.3510

## Achromatopsia

55.5167, 58.4078, 63.6061

## Achromatomaly

54.5976, 59.1392, 56.6815

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.0841, 60.0439, 45.3510 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(199, 208, 167)` looks like.

```
.text, #text, p{  
    color:rgb(199, 208, 167)  
}
```

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(199, 208, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 208, 167) }
```

## Border

The CSS property to change the border of an element to XYZ 53.0841, 60.0439, 45.3510 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(199, 208, 167) }
```



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

```
.border{ border-color:rgb(199, 208, 167) }
```

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

Here you see how a box with a 4 pixel rgb(199, 208, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 208, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 208, 167);  
box-shadow:4px 4px 4px 4px rgb(199, 208,  
167) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.0841, 60.0439, 45.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 208, 167) }
```

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

```
.background{ background-color: rgb(199,  
208, 167) }
```

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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