

Converting Colors

XYZ(43.3622, 49.7580, 7.3188)

Have a look what the booklet for
XYZ(43.3622, 49.7580, 7.3188)
contains.

XYZ(43.3153, 49.6643, 7.3032)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.3153, 49.6643,
7.3032)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBE00
RGB	204, 190, 0
RGB Percent	80%, 75%, 0%
CMY	0.2000, 0.2549, 0.9999
CMYK	0.00, 0.07, 1.00, 0.20
HSL	56°, 100%, 40%
HSV	56°, 100%, 80%
XYZ	43.3153, 49.6643, 7.3032
YIQ	172.5260, 69.3340, -56.1220

Conversions

Conversions Part 2

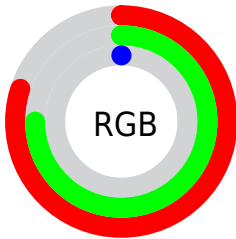
Format	Color
RYB	15, 204, 0
Decimal	13417984
CIELab	75.86, -11.19, 77.12
CIELCh	76, 77.930, 98.254
Yxy	49.6643, 0.4319, 0.4952
Android (android.graphics.Color)	4291608064 (0xFFCCBE00)
YUV	172.5260, -85.0553, 27.6027
Hunter-Lab	70.4729, -13.6148, 43.1867

Details

The XYZ color **43.3153, 49.6643, 7.3032** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed orange. A complement of this color would be **11.0565, 4.6742, 57.4457**, and the grayscale version is **39.8758, 41.9524, 45.6862**.

A 20% lighter version of the original color is **75.7188, 87.7807, 20.9352**, and **20.6227, 23.9111, 3.5284** is the 20% darker color. If you saturate the color by 10%, you get **43.3160, 49.6660, 7.3035**, and if you desaturate by 10%, it is **43.7510, 50.3278, 8.0899**.

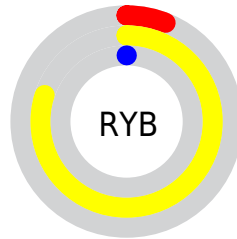
Distribution



Red (80%)

Green (75%)

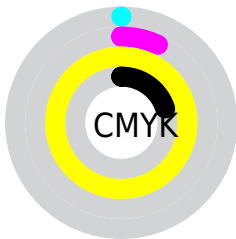
Blue (0%)



Red (6%)

Yellow (80%)

Blue (0%)

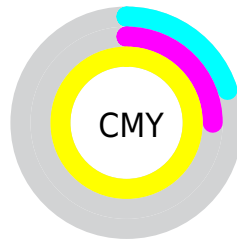


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3153, 49.6643, 7.3032 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 43.3153, 49.6643, 7.3032 by changing the saturation by 10% instead.

43.3153, 49.6643,
7.3032

43.3153, 49.6643,
7.3032

350.8064,
385.3517, 179.8852

30.3282, 35.1467,
3.5711

79.4392, 89.6773,
21.1038

20.2371, 23.7759,
1.3931

103.3067,
115.9415, 32.0094

12.6768, 15.1675,
0.1364

131.5316,
146.8901, 46.1432

7.2818, 8.9370,
0.0000

164.4795,
182.9073, 63.9239

3.6869, 4.7001,
0.0000

202.5155,
224.3777, 85.7699

1.5266, 2.0724,
0.0000

246.0051,

0.3438, 0.6490,

271.6857, 112.0997

0.0000

295.3136,
325.2155, 143.3320

■ 0.0000, 0.0000,
0.0000

■ 43.3153, 49.6643,
7.3032

■ 43.3153, 49.6643,
7.3032

■ 43.3160, 49.6660,
7.3035

■ 43.7510, 50.3278,
8.0899

■ 44.3255, 51.0497,
9.5988

■ 45.0871, 51.8511,
12.0780

■ 46.0608, 52.7420,
15.6597

■ 47.2679, 53.7309,
20.4555

■ 48.7268, 54.8253,
26.5633

■ 50.4544, 56.0319,
34.0712

■ 52.4659, 57.3569,
43.0595

■ 54.7754, 58.8058,
53.6025

Harmonies

Analogous

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



58.3020, 49.6643, 8.6569



43.3153, 49.6643, 7.3032



31.9654, 49.6643, 12.4938

Triad

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



43.3153, 49.6643, 7.3032



28.5260, 49.6643, 120.0817



78.1132, 49.6643, 89.3687

Complementary

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



43.3153, 49.6643, 7.3032



11.0565, 4.6742, 57.4457

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.



66.6491, 49.6643, 144.0969



43.3153, 49.6643, 7.3032



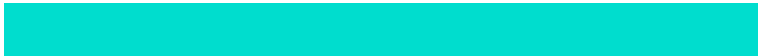
37.6128, 49.6643, 167.2628

Square

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



43.3153, 49.6643, 7.3032



24.6453, 49.6643, 66.3633



51.3196, 49.6643, 177.7801



80.5084, 49.6643, 43.4074

Rectangle

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



43.3153, 49.6643, 7.3032



27.2485, 49.6643, 22.0117



51.3196, 49.6643, 177.7801



75.0941, 49.6643, 107.8864

Sweetspot

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



43.3164, 49.6667, 7.3042



83.4347, 92.7116, 55.8808



25.0032, 12.8782, 1.6990



17.5866, 19.6571, 10.7704



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.



43.3164, 49.6667, 7.3042



71.6710, 82.1219, 12.0737



29.2017, 47.1079, 7.5542



12.0854, 12.9598, 11.9440



27.2918, 31.3165, 4.6063



1.4282, 1.6561, 0.2444

Inverse Universe

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



11.0565, 4.6742, 57.4457



18.2582, 7.6364, 95.1194



14.6466, 6.2919, 57.5688



10.6625, 10.9655, 14.1249



6.9840, 2.9920, 36.1657



0.3824, 0.1985, 1.8731

Previews

White Background



This preview shows how the XYZ color 43.3153, 49.6643, 7.3032 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 43.3153, 49.6643, 7.3032 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 43.3153, 49.6643, 7.3032

Background



This preview shows how black text looks on a background with the XYZ color 43.3153, 49.6643, 7.3032.



This preview shows how white text looks on a background with the XYZ color 43.3153, 49.6643,

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

43.3153, 49.6643, 7.3032

Protanopia

44.8472, 49.8153, 7.2516

Deuteranopia

50.5007, 49.3517, 7.8414



Tritanopia

53.3353, 49.7609, 55.5089

Trichromacy



Original Color

43.3153, 49.6643, 7.3032

Protanomaly

44.2100, 49.8051, 7.2832

Deuteranomaly

47.5696, 49.3437, 7.5474

Tritanomaly

47.3305, 48.8334, 25.0204

Monochromacy



Original Color

43.3153, 49.6643, 7.3032

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

38.7017, 43.5563, 21.1193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3153, 49.6643, 7.3032 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(204, 190, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 190, 0)  
}
```

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(204, 190, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 190, 0) }
```

Border

The CSS property to change the border of an element to XYZ 43.3153, 49.6643, 7.3032 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(204, 190, 0) }
```


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

```
.border{ border-color:rgb(204, 190, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 190, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 190, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 190, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 190,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3153, 49.6643, 7.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 190, 0) }
```

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

```
.background{ background-color: rgb(204,  
190, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor