

Converting Colors

XYZ(43.5173, 51.0292, 15.4945)

Have a look what the booklet for
XYZ(43.5173, 51.0292, 15.4945)
contains.

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Color

**XYZ(43.3205, 50.7949,
15.5038)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C252
RGB	195, 194, 82
RGB Percent	76%, 76%, 32%
CMY	0.2353, 0.2392, 0.6784
CMYK	0.00, 0.01, 0.58, 0.24
HSL	59°, 48%, 54%
HSV	59°, 58%, 76%
XYZ	43.3205, 50.7949, 15.5038
YIQ	181.5310, 36.5480, -34.6200

Conversions

Conversions Part 2

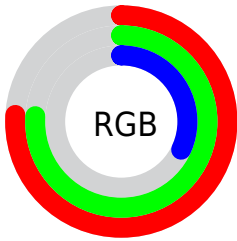
Format	Color
R_{YB}	83, 195, 82
Decimal	12829266
CIE _{Lab}	76.55, -14.15, 55.14
CIE _{LCh}	77, 56.927, 104.397
Yxy	50.7949, 0.3952, 0.4634
Android (android.graphics.Color)	4291019346 (0xFFC3C252)
YUV	181.5310, -49.0688, 11.8123
Hunter-Lab	71.2705, -16.2255, 36.9918

Details

The XYZ color **43.3205, 50.7949, 15.5038** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **16.4233, 11.9203, 53.0649**, and the grayscale version is **44.4538, 46.7689, 50.9313**.

A 20% lighter version of the original color is **79.4318, 91.1913, 36.3369**, and **20.3588, 24.6133, 4.6551** is the 20% darker color. If you saturate the color by 10%, you get **42.6438, 50.4650, 12.1233**, and if you desaturate by 10%, it is **44.2105, 51.2139, 19.9967**.

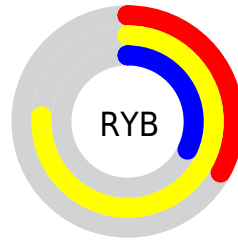
Distribution



Red (76%)

Green (76%)

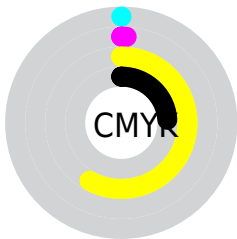
Blue (32%)



Red (33%)

Yellow (76%)

Blue (32%)

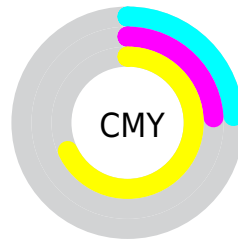


Cyan (0%)

Magenta (1%)

Yellow (58%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3205, 50.7949, 15.5038 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 43.3205, 50.7949, 15.5038 by changing the saturation by 10% instead.

■ 43.3205, 50.7949,
15.5038

■ 43.3205, 50.7949,
15.5038

350.8274,
389.7664, 238.1406

■ 30.3323, 36.0454,
9.0232

■ 79.4470, 91.3515,
36.4893

■ 20.2403, 24.4693,
4.6593

■ 103.3160,
117.9275, 51.8313

■ 12.6791, 15.6821,
1.9936

■ 131.5426,
149.2143, 70.9642

■ 7.2834, 9.2995,
0.5513

■ 164.4921,
185.5965, 94.3065

■ 3.6879, 4.9370,
0.0000

■ 202.5300,
227.4584, 122.2767

■ 1.5271, 2.2104,
0.0000

246.0217,

■ 0.3442, 0.7256,

275.1844, 155.2934

0.0000

295.3323,
329.1590, 193.7752

■ 0.0000, 0.0000,
0.0000

■ 43.3205, 50.7949,
15.5038

■ 43.3205, 50.7949,
15.5038

■ 42.6438, 50.4650,
12.1233

■ 44.2105, 51.2139,
19.9967

■ 42.1584, 50.2098,
9.7553

■ 45.3265, 51.7215,
25.6845

■ 41.8439, 50.0231,
8.2873

■ 46.6842, 52.3259,
32.6453

■ 41.6681, 49.8919,
7.5489

■ 48.2972, 53.0325,
40.9499

■ 41.6383, 49.8675,
7.4308

■ 50.1778, 53.8462,
50.6638

■ 52.3377, 54.7716,
61.8482

■ 54.7879, 55.8133,
74.5608

■ 57.5386, 56.9752,
88.8560

■ 60.1942, 58.0991,
102.6494

Harmonies

Analogous

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



54.0542, 50.7949, 15.6424



43.3205, 50.7949, 15.5038



35.2150, 50.7949, 22.8789

Triad

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



43.3205, 50.7949, 15.5038



34.9663, 50.7949, 107.9133



71.0461, 50.7949, 72.8042

Complementary

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



43.3205, 50.7949, 15.5038



16.4233, 11.9203, 53.0649

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.



64.2301, 50.7949, 109.2952



43.3205, 50.7949, 15.5038



42.9306, 50.7949, 134.1473

Square

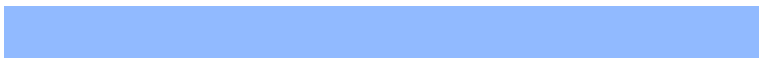
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.3205, 50.7949, 15.5038



30.8999, 50.7949, 71.3678



53.6022, 50.7949, 134.7305



71.1919, 50.7949, 41.8569

Rectangle

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



43.3205, 50.7949, 15.5038



31.9364, 50.7949, 33.4692



53.6022, 50.7949, 134.7305



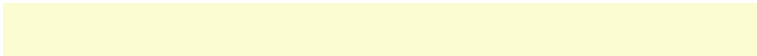
69.4185, 50.7949, 85.0311

Sweetspot

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



43.3217, 50.7972, 15.5048



86.7160, 95.0757, 74.4495



27.1189, 18.2755, 10.4624



18.8503, 20.7599, 15.5839



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.



43.3217, 50.7972, 15.5048



76.0677, 90.2263, 20.1955



31.9183, 45.2483, 15.0348



10.9056, 11.7426, 10.7536



27.0663, 32.4183, 4.8308



1.1719, 1.4057, 0.2096

Inverse Universe

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



16.4233, 11.9203, 53.0649



23.2758, 13.9310, 93.9320



23.1219, 15.2614, 53.3567



9.5353, 9.7619, 12.6665



6.4175, 2.5916, 33.7186



0.2798, 0.1170, 1.4577

Previews

White Background



This preview shows how the XYZ color 43.3205, 50.7949, 15.5038 looks on a white background.

Color Contrast Check

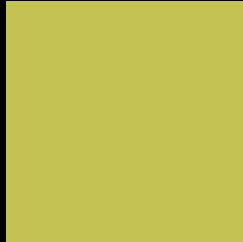
Large Text (above 18pt) WCAG AA × Fail

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 43.3205, 50.7949, 15.5038 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 43.3205, 50.7949, 15.5038

Background



This preview shows how black text looks on a background with the XYZ color 43.3205, 50.7949, 15.5038.



This preview shows how white text looks on a background with the XYZ color 43.3205, 50.7949,

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

43.3205, 50.7949, 15.5038

Protanopia

46.2611, 50.6909, 15.1307

Deuteranopia

51.6052, 50.6380, 15.8583



Tritanopia

52.1454, 50.5632, 59.2359

Trichromacy



Original Color

43.3205, 50.7949, 15.5038

Protanomaly

45.2928, 50.8348, 15.2095

Deuteranomaly

48.2021, 50.4139, 15.7847

Tritanomaly

47.8324, 50.0409, 38.1482

Monochromacy



Original Color

43.3205, 50.7949, 15.5038

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.2407, 47.7579, 34.1333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3205, 50.7949, 15.5038 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(195, 194, 82)` looks like.

```
.text, #text, p{  
    color:rgb(195, 194, 82)  
}
```

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(195, 194, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 194, 82) }
```

Border

The CSS property to change the border of an element to XYZ 43.3205, 50.7949, 15.5038 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(195, 194, 82) }
```


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

```
.border{ border-color:rgb(195, 194, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 194, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 194, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 194, 82);  
box-shadow:4px 4px 4px 4px rgb(195, 194,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3205, 50.7949, 15.5038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 194, 82) }
```

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

```
.background{ background-color: rgb(195,  
194, 82) }
```

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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