

Converting Colors

XYZ(43.6825, 50.6993, 9.5218)

Have a look what the booklet for
XYZ(43.6825, 50.6993, 9.5218)
contains.

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Color

**XYZ(43.8101, 50.8497,
9.5134)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC128
RGB	202, 193, 40
RGB Percent	79%, 76%, 16%
CMY	0.2078, 0.2431, 0.8431
CMYK	0.00, 0.04, 0.80, 0.21
HSL	57°, 67%, 47%
HSV	57°, 80%, 79%
XYZ	43.8101, 50.8497, 9.5134
YIQ	178.2490, 54.4770, -45.6750

Conversions

Conversions Part 2

Format	Color
RYB	50, 202, 40
Decimal	13287720
CIELab	76.59, -12.85, 70.89
CIELCh	77, 72.043, 100.277
Yxy	50.8497, 0.4206, 0.4881
Android (android.graphics.Color)	4291477800 (0xFFCAC128)
YUV	178.2490, -68.1568, 20.8296
Hunter-Lab	71.3090, -15.1257, 42.0063

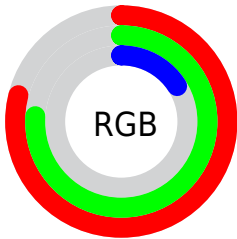
Details

The XYZ color **43.8101, 50.8497, 9.5134** is a dark color, and the websafe version is hex **CCCC33**.

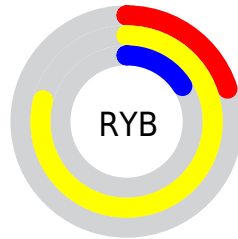
The color can be described as middle muted yellow. A complement of this color would be **12.6343, 6.9122, 56.5450**, and the grayscale version is **42.7800, 45.0079, 49.0136**.

A 20% lighter version of the original color is **77.4159, 89.9315, 25.3348**, and **20.8797, 24.6855, 3.6643** is the 20% darker color. If you saturate the color by 10%, you get **43.3057, 50.2547, 8.0705**, and if you desaturate by 10%, it is **44.4981, 51.5251, 11.9037**.

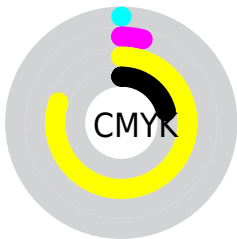
Distribution



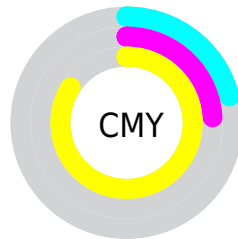
- Red (79%)
- Green (76%)
- Blue (16%)



- Red (20%)
- Yellow (79%)
- Blue (16%)



- Cyan (0%)
- Magenta (4%)
- Yellow (80%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8101, 50.8497, 9.5134 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 43.8101, 50.8497, 9.5134 by changing the saturation by 10% instead.

■ 43.8101, 50.8497,
9.5134

■ 43.8101, 50.8497,
9.5134

352.7981,
389.9796, 197.5199

■ 30.7185, 36.0890,
4.9762

■ 80.1800, 91.4326,
25.4695

■ 20.5354, 24.5029,
2.1748

■ 104.1891,
118.0235, 37.7254

■ 12.8953, 15.7071,
0.6598

■ 132.5680,
149.3267, 53.3914

■ 7.4330, 9.3171,
0.0000

■ 165.6822,
185.7265, 72.8859

■ 3.7831, 4.9486,
0.0000

■ 203.8969,
227.6073, 96.6274

■ 1.5802, 2.2171,
0.0000

■ 247.5775,

■ 0.3794, 0.7293,

275.3534, 125.0346

0.0000

297.0895,
329.3494, 158.5259

■ 0.0000, 0.0000,
0.0000

■ 43.8101, 50.8497,
9.5134

■ 43.8101, 50.8497,
9.5134

■ 43.3057, 50.2547,
8.0705

■ 44.4981, 51.5251,
11.9037

■ 42.9408, 49.7241,
7.3345

■ 45.3908, 52.2834,
15.3678

■ 46.5102, 53.1354,
20.0159

■ 47.8743, 54.0883,
25.9439

■ 49.4997, 55.1488,
33.2377

■ 51.4011, 56.3227,
41.9760

■ 53.5923, 57.6156,
52.2313

■ 56.0863, 59.0326,
64.0714

■ 58.8951, 60.5787,
77.5599

Harmonies

Analogous

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



57.7131, 50.8497, 10.5354



43.8101, 50.8497, 9.5134



33.3078, 50.8497, 15.6081

Triad

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



43.8101, 50.8497, 9.5134



30.9861, 50.8497, 119.3420



77.3938, 50.8497, 84.7118

Complementary

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



43.8101, 50.8497, 9.5134



12.6343, 6.9122, 56.5450

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.



67.3040, 50.8497, 134.5067



43.8101, 50.8497, 9.5134



40.0253, 50.8497, 160.1521

Square

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



43.8101, 50.8497, 9.5134



26.8806, 50.8497, 69.8464



53.1529, 50.8497, 166.7258



78.9307, 50.8497, 43.0407

Rectangle

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



43.8101, 50.8497, 9.5134



28.9778, 50.8497, 25.8967



53.1529, 50.8497, 166.7258



74.8114, 50.8497, 101.4687

Sweetspot

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



43.8113, 50.8521, 9.5144



85.6407, 94.5173, 64.6512



25.7093, 14.3118, 4.5171



18.0853, 20.0784, 12.7128



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.



43.8113, 50.8521, 9.5144



72.8723, 84.4352, 12.7497



30.9884, 47.2836, 9.5015



12.0984, 12.9858, 11.9483



27.6541, 32.0411, 4.7270



1.4433, 1.6863, 0.2494

Inverse Universe

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



12.6343, 6.9122, 56.5450



18.5000, 7.9305, 95.1634



17.8754, 9.1104, 56.6931



10.6509, 10.9422, 14.1211



6.9599, 2.9438, 36.1576



0.3770, 0.1877, 1.8713

Previews

White Background



This preview shows how the XYZ color 43.8101, 50.8497, 9.5134 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 43.8101, 50.8497, 9.5134 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 43.8101, 50.8497, 9.5134

Background



This preview shows how black text looks on a background with the XYZ color 43.8101, 50.8497, 9.5134.



This preview shows how white text looks on a background with the XYZ color 43.8101, 50.8497,

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

43.8101, 50.8497, 9.5134

Protanopia

46.0044, 50.6878, 9.2785

Deuteranopia

51.8931, 50.6226, 9.7254



Tritanopia

53.7904, 50.8337, 58.0158

Trichromacy



Original Color

43.8101, 50.8497, 9.5134

Protanomaly

45.0742, 50.5287, 9.2968

Deuteranomaly

48.6464, 50.4704, 9.5607

Tritanomaly

48.5147, 50.2345, 31.1840

Monochromacy



Original Color

43.8101, 50.8497, 9.5134

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.3233, 45.9903, 27.1211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8101, 50.8497, 9.5134 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(202, 193, 40)` looks like.

```
.text, #text, p{  
    color:rgb(202, 193, 40)  
}
```

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(202, 193, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 193, 40) }
```

Border

The CSS property to change the border of an element to XYZ 43.8101, 50.8497, 9.5134 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(202, 193, 40) }
```


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

```
.border{ border-color:rgb(202, 193, 40) }
```

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

Here you see how a box with a 4 pixel rgb(202, 193, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 193, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 193, 40);  
box-shadow:4px 4px 4px 4px rgb(202, 193,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8101, 50.8497, 9.5134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 193, 40) }
```

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

```
.background{ background-color: rgb(202,  
193, 40) }
```

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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