

Converting Colors

XYZ(41.1264, 50.4588, 9.6697)

Have a look what the booklet for
XYZ(41.1264, 50.4588, 9.6697)
contains.

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Color

**XYZ(41.1264, 50.4588,
9.6697)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC429
RGB	189, 196, 41
RGB Percent	74%, 77%, 16%
CMY	0.2588, 0.2314, 0.8392
CMYK	0.04, 0.00, 0.79, 0.23
HSL	63°, 65%, 46%
HSV	63°, 79%, 77%
XYZ	41.1264, 50.4588, 9.6697
YIQ	176.2370, 45.5830, -49.6890

Conversions

Conversions Part 2

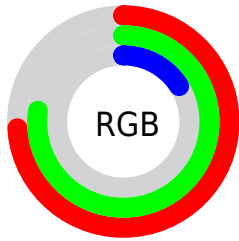
Format	Color
RYB	41, 196, 48
Decimal	12436521
CIELab	76.35, -19.88, 69.99
CIELCh	76, 72.762, 105.857
Yxy	50.4588, 0.4062, 0.4983
Android (android.graphics.Color)	4290626601 (0xFFBDC429)
YUV	176.2370, -66.6718, 11.1932
Hunter-Lab	71.0344, -20.9649, 41.6531

Details

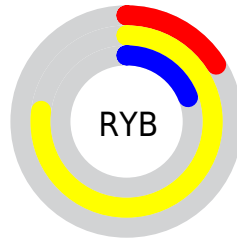
The XYZ color **41.1264, 50.4588, 9.6697** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **11.9771, 6.2008, 52.7934**, and the grayscale version is **41.7126, 43.8849, 47.7907**.

A 20% lighter version of the original color is **75.8708, 90.5169, 25.7846**, and **19.3382, 24.5505, 3.7195** is the 20% darker color. If you saturate the color by 10%, you get **40.6472, 50.2437, 8.2850**, and if you desaturate by 10%, it is **41.7794, 50.7474, 11.9528**.

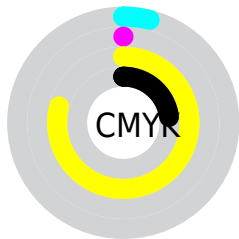
Distribution



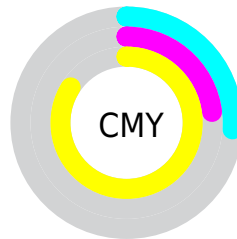
- Red (74%)
- Green (77%)
- Blue (16%)



- Red (16%)
- Yellow (77%)
- Blue (19%)



- Cyan (4%)
- Magenta (0%)
- Yellow (79%)
- Black (23%)



- Cyan (26%)
- Magenta (23%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1264, 50.4588, 9.6697 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 41.1264, 50.4588, 9.6697 by changing the saturation by 10% instead.

■ 41.1264, 50.4588,
9.6697

■ 41.1264, 50.4588,
9.6697

341.9022,
388.4574, 198.6965

■ 28.6060, 35.7781,
5.0778

■ 76.1492, 90.8543,
25.7704

■ 18.9257, 24.2629,
2.2334

■ 99.3823, 117.3378,
38.1162

■ 11.7203, 15.5287,
0.6936

■ 126.9171,
148.5245, 53.8838

■ 6.6244, 9.1913,
0.0000

■ 159.1187,
184.7986, 73.4917

■ 3.2725, 4.8662,
0.0000

■ 196.3527,
226.5445, 97.3583

■ 1.2995, 2.1689,
0.0000

■ 238.9844,

■ 0.1828, 0.7030,

274.1467, 125.9023

0.0000

287.3791,
327.9895, 159.5422

■ 0.0000, 0.0000,
0.0000

■ 41.1264, 50.4588,
9.6697

■ 41.1264, 50.4588,
9.6697

■ 40.6472, 50.2437,
8.2850

■ 41.7794, 50.7474,
11.9528

■ 40.3002, 50.0797,
7.5942

■ 42.6251, 51.1113,
15.2486

■ 40.2703, 50.0655,
7.5411

■ 43.6836, 51.5604,
19.6577

■ 44.9715, 52.1015,
25.2681

■ 46.5039, 52.7406,
32.1586

■ 48.2944, 53.4830,
40.4015

■ 50.3558, 54.3340,
50.0637

■ 52.7000, 55.2982,
61.2078

■ 55.3380, 56.3801,
73.8924

Harmonies

Analogous

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



54.6771, 50.4588, 9.4877



41.1264, 50.4588, 9.6697



31.4540, 50.4588, 17.4078

Triad

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



41.1264, 50.4588, 9.6697



31.8758, 50.4588, 128.6540



78.2498, 50.4588, 75.4767

Complementary

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



41.1264, 50.4588, 9.6697



11.9771, 6.2008, 52.7934

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.



69.4163, 50.4588, 125.8650



41.1264, 50.4588, 9.6697



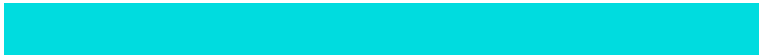
41.8161, 50.4588, 165.1248

Square

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



41.1264, 50.4588, 9.6697



26.8482, 50.4588, 78.1983



55.5106, 50.4588, 163.9133



77.9679, 50.4588, 36.8234

Rectangle

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



41.1264, 50.4588, 9.6697



27.7408, 50.4588, 29.5331



55.5106, 50.4588, 163.9133



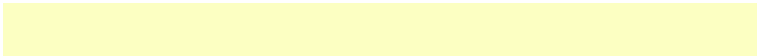
76.1847, 50.4588, 91.8655

Sweetspot

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



41.1276, 50.4611, 9.6707



85.7047, 96.1452, 64.9620



24.1505, 13.8642, 3.5016



18.1009, 20.4780, 12.7891



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.



41.1276, 50.4611, 9.6707



73.1566, 90.7904, 14.0409



26.9953, 43.1757, 9.0094



10.8670, 11.7344, 10.7541



25.8941, 32.1777, 4.8462



1.1329, 1.3976, 0.2100

Inverse Universe

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



11.9771, 6.2008, 52.7934



18.5603, 7.6920, 95.1142



19.0225, 9.8328, 53.1231



9.5695, 9.7692, 12.6661



6.4931, 2.6077, 33.7177



0.2954, 0.1203, 1.4575

Previews

White Background



This preview shows how the XYZ color 41.1264, 50.4588, 9.6697 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 41.1264, 50.4588, 9.6697 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 41.1264, 50.4588, 9.6697

Background



This preview shows how black text looks on a background with the XYZ color 41.1264, 50.4588, 9.6697.



This preview shows how white text looks on a background with the XYZ color 41.1264, 50.4588,

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

41.1264, 50.4588, 9.6697

Protanopia

45.7152, 50.5387, 9.2650

Deuteranopia

51.2879, 50.3034, 10.0240



Tritanopia

51.3687, 50.4547, 59.8546

Trichromacy



Original Color

41.1264, 50.4588, 9.6697

Protanomaly

44.1345, 50.6898, 9.4655

Deuteranomaly

47.0755, 49.9632, 9.8520

Tritanomaly

45.7428, 49.7302, 31.9989

Monochromacy



Original Color

41.1264, 50.4588, 9.6697

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

39.8203, 45.2230, 26.7088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1264, 50.4588, 9.6697 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(189, 196, 41)` looks like.

```
.text, #text, p{  
    color:rgb(189, 196, 41)  
}
```

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(189, 196, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 196, 41) }
```

Border

The CSS property to change the border of an element to XYZ 41.1264, 50.4588, 9.6697 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(189, 196, 41) }
```


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

```
.border{ border-color:rgb(189, 196, 41) }
```

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

Here you see how a box with a 4 pixel rgb(189, 196, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 196, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 196, 41);  
box-shadow:4px 4px 4px 4px rgb(189, 196,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1264, 50.4588, 9.6697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 196, 41) }
```

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

```
.background{ background-color: rgb(189,  
196, 41) }
```

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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