

Converting Colors

XYZ(40.2056, 44.3374, 7.4758)

Have a look what the booklet for
XYZ(40.2056, 44.3374, 7.4758)
contains.

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Color

**XYZ(40.2056, 44.3374,
7.4758)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B21B
RGB	201, 178, 27
RGB Percent	79%, 70%, 11%
CMY	0.2118, 0.3019, 0.8941
CMYK	0.00, 0.11, 0.87, 0.21
HSL	52°, 76%, 45%
HSV	52°, 87%, 79%
XYZ	40.2056, 44.3374, 7.4758
YIQ	167.6630, 62.1790, -42.0850

Conversions

Conversions Part 2

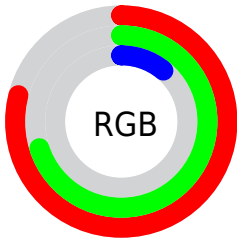
Format	Color
RYB	54, 201, 27
Decimal	13218331
CIELab	72.45, -5.93, 70.61
CIELCh	72, 70.858, 94.800
Yxy	44.3374, 0.4369, 0.4818
Android (android.graphics.Color)	4291408411 (0xFFC9B21B)
YUV	167.6630, -69.3469, 29.2365
Hunter-Lab	66.5863, -8.7457, 39.9538

Details

The XYZ color **40.2056, 44.3374, 7.4758** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **12.1354, 6.7315, 55.9176**, and the grayscale version is **37.3634, 39.3092, 42.8077**.

A 20% lighter version of the original color is **72.2244, 80.2760, 21.3610**, and **18.6162, 20.6725, 3.0090** is the 20% darker color. If you saturate the color by 10%, you get **39.5231, 43.2286, 6.4592**, and if you desaturate by 10%, it is **41.0577, 45.5339, 9.3257**.

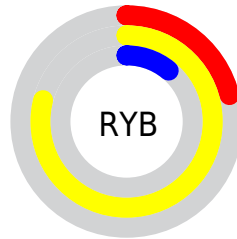
Distribution



Red (79%)

Green (70%)

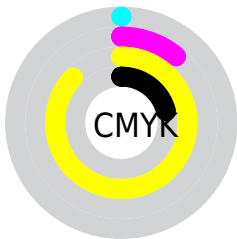
Blue (11%)



Red (21%)

Yellow (79%)

Blue (11%)

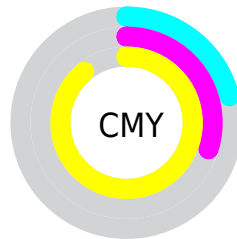


Cyan (0%)

Magenta (11%)

Yellow (87%)

Black (21%)



Cyan (21%)

Magenta (30%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2056, 44.3374, 7.4758 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 40.2056, 44.3374, 7.4758 by changing the saturation by 10% instead.

40.2056, 44.3374,
7.4758

40.2056, 44.3374,
7.4758

338.1090,
364.0833, 181.3389

27.8838, 30.9358,
3.6785

74.7588, 81.7252,
21.4531

18.3781, 20.5500,
1.4507

97.7210, 106.4803,
32.4702

11.3231, 12.7955,
0.1808

124.9607,
135.7886, 46.7310

6.3535, 7.2879,
0.0000

156.8432,
170.0346, 64.6540

3.1039, 3.6428,
0.0000

193.7339,
209.6027, 86.6578

1.2089, 1.4758,
0.0000

235.9982,

0.1134, 0.2716,

254.8772, 113.1608

0.0000

284.0015,
306.2427, 144.5817

■ 0.0000, 0.0000,
0.0000

■ 40.2056, 44.3374,
7.4758

■ 40.2056, 44.3374,
7.4758

■ 39.5231, 43.2286,
6.4592

■ 41.0577, 45.5339,
9.3257

■ 39.3077, 42.8583,
6.2007

■ 42.1057, 46.8235,
12.1616

■ 43.3736, 48.2176,
16.1039

■ 44.8808, 49.7241,
21.2550

■ 46.6446, 51.3499,
27.7058

■ 48.6807, 53.1015,
35.5384

■ 51.0034, 54.9846,
44.8282

■ 53.6260, 57.0047,
55.6450

■ 56.5610, 59.1668,
68.0542

Harmonies

Analogous

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



52.9579, 44.3374, 9.3993



40.2056, 44.3374, 7.4758



30.1038, 44.3374, 11.4207

Triad

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



40.2056, 44.3374, 7.4758



25.6423, 44.3374, 97.7637



67.1768, 44.3374, 82.9684

Complementary

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



40.2056, 44.3374, 7.4758



12.1354, 6.7315, 55.9176

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.



57.0236, 44.3374, 127.2944



40.2056, 44.3374, 7.4758



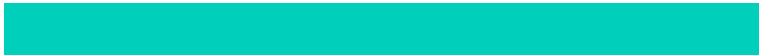
32.9081, 44.3374, 138.3471

Square

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



40.2056, 44.3374, 7.4758



22.7962, 44.3374, 54.1287



44.1383, 44.3374, 151.1686



70.1589, 44.3374, 42.8610

Rectangle

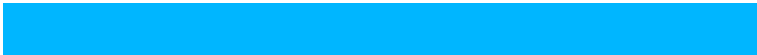
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.2056, 44.3374, 7.4758



25.7098, 44.3374, 18.9485



44.1383, 44.3374, 151.1686



64.4045, 44.3374, 98.3803

Sweetspot

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



40.2066, 44.3395, 7.4767



83.4210, 90.9776, 61.1372



25.0595, 13.4337, 4.3133



17.5810, 19.2418, 12.0145



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.



40.2066, 44.3395, 7.4767



67.1758, 73.1316, 10.5753



31.4342, 47.1876, 8.4888



11.3997, 12.1686, 11.3107



24.7636, 27.0444, 3.9149



1.2066, 1.3487, 0.1967

Inverse Universe

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



12.1354, 6.7315, 55.9176



18.6135, 8.3470, 95.2378



15.2298, 7.2155, 55.8479



10.1678, 10.5097, 13.4102



6.9075, 3.2090, 34.9997



0.3651, 0.2280, 1.6699

Previews

White Background



This preview shows how the XYZ color 40.2056, 44.3374, 7.4758 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 40.2056, 44.3374, 7.4758 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 40.2056, 44.3374, 7.4758

Background



This preview shows how black text looks on a background with the XYZ color 40.2056, 44.3374, 7.4758.



This preview shows how white text looks on a background with the XYZ color 40.2056, 44.3374,

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

40.2056, 44.3374, 7.4758

Protanopia

39.9376, 44.1993, 7.4633

Deuteranopia

45.2172, 44.3387, 7.6884



Tritanopia

48.5361, 44.3357, 48.1190

Trichromacy



Original Color

40.2056, 44.3374, 7.4758

Protanomaly

39.9376, 44.1993, 7.4633

Deuteranomaly

43.3187, 44.2029, 7.5452

Tritanomaly

43.6820, 43.4449, 24.8223

Monochromacy



Original Color

40.2056, 44.3374, 7.4758

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.7858, 40.4927, 22.7067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2056, 44.3374, 7.4758 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(201, 178, 27)` looks like.

```
.text, #text, p{  
    color:rgb(201, 178, 27)  
}
```

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(201, 178, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 178, 27) }
```

Border

The CSS property to change the border of an element to XYZ 40.2056, 44.3374, 7.4758 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(201, 178, 27) }
```


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

```
.border{ border-color:rgb(201, 178, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 178, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 178, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 178, 27);  
box-shadow:4px 4px 4px 4px rgb(201, 178,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2056, 44.3374, 7.4758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 178, 27) }
```

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

```
.background{ background-color: rgb(201,  
178, 27) }
```

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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