

Converting Colors

XYZ(35.1817, 39.8721, 7.0761)

Have a look what the booklet for
XYZ(35.1817, 39.8721, 7.0761)
contains.

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Color

**XYZ(35.2366, 40.0379,
7.0992)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAC1E
RGB	186, 172, 30
RGB Percent	73%, 67%, 12%
CMY	0.2706, 0.3255, 0.8823
CMYK	0.00, 0.08, 0.84, 0.27
HSL	55°, 72%, 42%
HSV	55°, 84%, 73%
XYZ	35.2366, 40.0379, 7.0992
YIQ	159.9980, 53.9260, -41.1940

Conversions

Conversions Part 2

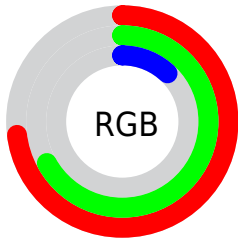
Format	Color
RYB	45, 186, 30
Decimal	12233758
CIELab	69.50, -9.33, 66.91
CIELCh	69, 67.558, 97.939
Yxy	40.0379, 0.4278, 0.4861
Android (android.graphics.Color)	4290423838 (0xFFBAAC1E)
YUV	159.9980, -64.0890, 22.8038
Hunter-Lab	63.2755, -11.3298, 37.6408

Details

The XYZ color **35.2366, 40.0379, 7.0992** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **10.2992, 5.6227, 46.9966**, and the grayscale version is **33.6827, 35.4369, 38.5908**.

A 20% lighter version of the original color is **67.3206, 75.2692, 20.6531**, and **15.7697, 18.1001, 2.6625** is the 20% darker color. If you saturate the color by 10%, you get **34.7503, 39.3399, 6.0909**, and if you desaturate by 10%, it is **35.8688, 40.8037, 8.8478**.

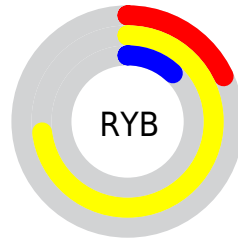
Distribution



Red (73%)

Green (67%)

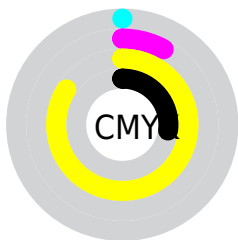
Blue (12%)



Red (18%)

Yellow (73%)

Blue (12%)

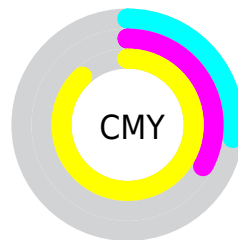


Cyan (0%)

Magenta (8%)

Yellow (84%)

Black (27%)



Cyan (27%)


Magenta (33%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2366, 40.0379, 7.0992 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 35.2366, 40.0379, 7.0992 by changing the saturation by 10% instead.


 35.2366, 40.0379,
7.0992


 35.2366, 40.0379,
7.0992


317.1012,
346.2833, 178.1475


 24.0126, 27.5681,
3.4448


 67.1837, 75.2212,
20.6888


 15.4677, 18.0003,
1.3260


 88.6376, 98.7035,
31.4610

 9.2367, 10.9502,
0.0830


 114.2320,
126.6255, 45.4430

 4.9543, 6.0334,
0.0000

 144.3324,
159.3714, 63.0532

 2.2549, 2.8654,
0.0000

 179.3042,
197.3258, 84.7103

 0.7715, 1.0619,
0.0000

 219.5127,

 0.0000, 0.0000,

240.8729, 110.8326

0.0000

265.3232,
290.3973, 141.8389

■ 35.2366, 40.0379,
7.0992

■ 35.2366, 40.0379,
7.0992

■ 34.7503, 39.3399,
6.0909

■ 35.8688, 40.8037,
8.8478

■ 34.4959, 38.9316,
5.6964

■ 36.6656, 41.6402,
11.4477

■ 37.6458, 42.5565,
14.9934

■ 38.8250, 43.5587,
19.5667

■ 40.2168, 44.6526,
25.2403

■ 41.8340, 45.8431,
32.0804

■ 43.6881, 47.1348,
40.1479

■ 45.7899, 48.5322,
49.4996

■ 48.1495, 50.0393,
60.1887

Harmonies

Analogous

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



46.4692, 40.0379, 8.2983



35.2366, 40.0379, 7.0992



26.5830, 40.0379, 11.3505

Triad

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



35.2366, 40.0379, 7.0992



23.8203, 40.0379, 91.8063



60.9338, 40.0379, 70.2045

Complementary

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



35.2366, 40.0379, 7.0992



10.2992, 5.6227, 46.9966

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.



52.4274, 40.0379, 110.0114



35.2366, 40.0379, 7.0992



30.7229, 40.0379, 126.0816

Square

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



35.2366, 40.0379, 7.0992



20.8622, 40.0379, 52.4087



41.0194, 40.0379, 133.9829



62.7746, 40.0379, 35.8285

Rectangle

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



35.2366, 40.0379, 7.0992



22.9307, 40.0379, 18.8903



41.0194, 40.0379, 133.9829



58.6903, 40.0379, 83.7793

Sweetspot

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



35.2375, 40.0398, 7.1000



75.3462, 82.7483, 56.0877



21.1995, 11.5621, 3.6586



16.3591, 18.0524, 11.3589



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.2375, 40.0398, 7.1000



62.4330, 70.3798, 10.2941



26.0481, 39.4669, 7.4738



9.6794, 10.3618, 9.5968



23.2363, 26.2489, 3.8419



0.8394, 0.9659, 0.1422

Inverse Universe

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



10.2992, 5.6227, 46.9966



16.3464, 6.9895, 84.6890



13.7814, 6.7702, 47.0345



8.5842, 8.8456, 11.3344



6.1191, 2.6979, 31.4513



0.2375, 0.1387, 1.1160

Previews

White Background



This preview shows how the XYZ color 35.2366, 40.0379, 7.0992 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 35.2366, 40.0379, 7.0992 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 35.2366, 40.0379, 7.0992

Background



This preview shows how black text looks on a background with the XYZ color 35.2366, 40.0379, 7.0992.



This preview shows how white text looks on a background with the XYZ color 35.2366, 40.0379,

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

35.2366, 40.0379, 7.0992

Protanopia

36.0824, 39.9145, 6.9649

Deuteranopia

40.8104, 39.9195, 7.3046



Tritanopia

42.8786, 39.8945, 44.9756

Trichromacy



Original Color

35.2366, 40.0379, 7.0992

Protanomaly

35.7709, 40.0333, 7.0043

Deuteranomaly

38.6457, 39.8631, 7.1709

Tritanomaly

38.4649, 39.1379, 23.6162

Monochromacy



Original Color

35.2366, 40.0379, 7.0992

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.6183, 36.1782, 20.8867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2366, 40.0379, 7.0992 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(186, 172, 30)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 30)  
}
```

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(186, 172, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 30) }
```

Border

The CSS property to change the border of an element to XYZ 35.2366, 40.0379, 7.0992 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(186, 172, 30) }
```


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

```
.border{ border-color:rgb(186, 172, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 172, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 172, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 172, 30);  
box-shadow:4px 4px 4px 4px rgb(186, 172,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2366, 40.0379, 7.0992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 172, 30) }
```

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

```
.background{ background-color: rgb(186,  
172, 30) }
```

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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