

Converting Colors

XYZ(35.0922, 39.9661, 7.5063)

Have a look what the booklet for
XYZ(35.0922, 39.9661, 7.5063)
contains.

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Color

**XYZ(35.0785, 39.9467,
7.5307)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AC24
RGB	185, 172, 36
RGB Percent	73%, 67%, 14%
CMY	0.2745, 0.3255, 0.8588
CMYK	0.00, 0.07, 0.81, 0.27
HSL	55°, 67%, 43%
HSV	55°, 81%, 73%
XYZ	35.0785, 39.9467, 7.5307
YIQ	160.3830, 51.4040, -39.5400

Conversions

Conversions Part 2

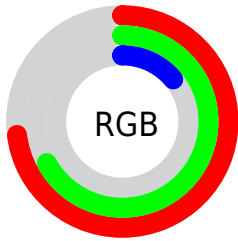
Format	Color
RYB	50, 185, 36
Decimal	12168228
CIELab	69.43, -9.59, 65.20
CIELCh	69, 65.901, 98.367
Yxy	39.9467, 0.4249, 0.4839
Android (android.graphics.Color)	4290358308 (0xFFB9AC24)
YUV	160.3830, -61.3208, 21.5891
Hunter-Lab	63.2034, -11.5367, 37.1780

Details

The XYZ color **35.0785, 39.9467, 7.5307** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **10.5829, 6.0745, 46.5132**, and the grayscale version is **33.8496, 35.6124, 38.7819**.

A 20% lighter version of the original color is **66.7977, 74.9794, 21.5415**, and **15.6186, 18.0221, 2.6554** is the 20% darker color. If you saturate the color by 10%, you get **34.5608, 39.2528, 6.3063**, and if you desaturate by 10%, it is **35.7476, 40.7102, 9.5264**.

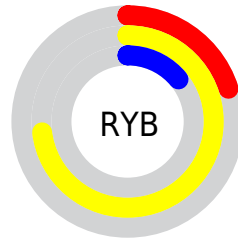
Distribution



Red (73%)

Green (67%)

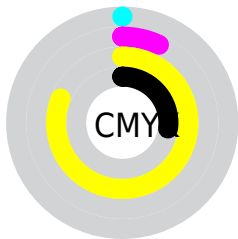
Blue (14%)



Red (20%)

Yellow (73%)

Blue (14%)

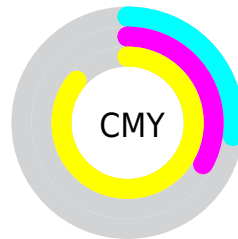


Cyan (0%)

Magenta (7%)

Yellow (81%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0785, 39.9467, 7.5307 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 35.0785, 39.9467, 7.5307 by changing the saturation by 10% instead.

■ 35.0785, 39.9467,
7.5307

■ 35.0785, 39.9467,
7.5307

316.4166,
345.8989, 181.7982

■ 23.8901, 27.4970,
3.7127

■ 66.9406, 75.0823,
21.5639

■ 15.3764, 17.9468,
1.4691

■ 88.3450, 98.5371,
32.6163

■ 9.1720, 10.9118,
0.1948

■ 113.8855,
126.4289, 46.9171

■ 4.9116, 6.0076,
0.0000

■ 143.9275,
159.1423, 64.8850

■ 2.2297, 2.8497,
0.0000

■ 178.8362,
197.0616, 86.9386

■ 0.7583, 1.0538,
0.0000

■ 218.9771,

■ 0.0000, 0.0000,

240.5712, 113.4962

0.0000

264.7154,
290.0555, 144.9766

■ 35.0785, 39.9467,
7.5307

■ 35.0785, 39.9467,
7.5307

■ 34.5608, 39.2528,
6.3063

■ 35.7476, 40.7102,
9.5264

■ 34.1702, 38.6399,
5.6573

■ 36.5853, 41.5456,
12.3952

■ 37.6092, 42.4615,
16.2260

■ 38.8340, 43.4638,
21.0960

■ 40.2729, 44.5577,
27.0749

■ 41.9379, 45.7482,
34.2259

■ 43.8403, 47.0397,
42.6079

■ 45.9903, 48.4364,
52.2755

■ 48.3979, 49.9422,
63.2802

Harmonies

Analogous

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



45.9899, 39.9467, 8.6679



35.0785, 39.9467, 7.5307



26.6689, 39.9467, 11.9013

Triad

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



35.0785, 39.9467, 7.5307



24.1232, 39.9467, 90.7259



60.2441, 39.9467, 68.7628

Complementary

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



35.0785, 39.9467, 7.5307



10.5829, 6.0745, 46.5132

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.



52.0783, 39.9467, 107.2026



35.0785, 39.9467, 7.5307



30.9380, 39.9467, 123.4619

Square

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



35.0785, 39.9467, 7.5307



21.1605, 39.9467, 52.5552



41.0123, 39.9467, 130.5930



61.9175, 39.9467, 35.5412

Rectangle

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



35.0785, 39.9467, 7.5307



23.1224, 39.9467, 19.4990



41.0123, 39.9467, 130.5930



58.1031, 39.9467, 81.8612

Sweetspot

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



35.0794, 39.9486, 7.5315



73.9123, 81.0925, 56.1061



21.2339, 11.8145, 4.2823



15.7085, 17.3201, 11.1290



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.0794, 39.9486, 7.5315



61.3147, 69.3722, 10.3651



26.1836, 39.2153, 7.8588



9.6814, 10.3658, 9.5974



23.2940, 26.3644, 3.8611



0.8409, 0.9689, 0.1427

Inverse Universe

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



10.5829, 6.0745, 46.5132



16.1764, 7.1254, 82.7274



14.1701, 7.2302, 46.5472



8.5824, 8.8420, 11.3338



6.1140, 2.6876, 31.4496



0.2368, 0.1372, 1.1157

Previews

White Background



This preview shows how the XYZ color 35.0785, 39.9467, 7.5307 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 35.0785, 39.9467, 7.5307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

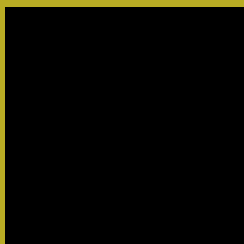
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0785, 39.9467, 7.5307

Background



This preview shows how black text looks on a background with the XYZ color 35.0785, 39.9467, 7.5307.



This preview shows how white text looks on a background with the XYZ color 35.0785, 39.9467,

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

35.0785, 39.9467, 7.5307

Protanopia

36.1640, 39.9472, 7.3946

Deuteranopia

40.6034, 39.8030, 7.7332



Tritanopia

42.6193, 39.7608, 44.9635

Trichromacy



Original Color

35.0785, 39.9467, 7.5307

Protanomaly

35.8525, 40.0660, 7.4340

Deuteranomaly

38.4667, 39.7600, 7.6545

Tritanomaly

38.3365, 39.0573, 24.2572

Monochromacy



Original Color

35.0785, 39.9467, 7.5307

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.7322, 36.2237, 21.4864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0785, 39.9467, 7.5307 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(185, 172, 36)` looks like.

```
.text, #text, p{  
    color:rgb(185, 172, 36)  
}
```

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(185, 172, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 172, 36) }
```

Border

The CSS property to change the border of an element to XYZ 35.0785, 39.9467, 7.5307 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(185, 172, 36) }
```


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

```
.border{ border-color:rgb(185, 172, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 172, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 172, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 172, 36);  
box-shadow:4px 4px 4px 4px rgb(185, 172,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0785, 39.9467, 7.5307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 172, 36) }
```

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

```
.background{ background-color: rgb(185,  
172, 36) }
```

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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