

Converting Colors

XYZ(35.6329, 40.5984, 9.6169)

Have a look what the booklet for
XYZ(35.6329, 40.5984, 9.6169)
contains.

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Color

**XYZ(35.6407, 40.4773,
9.5489)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AD37
RGB	185, 173, 55
RGB Percent	73%, 68%, 22%
CMY	0.2745, 0.3215, 0.7843
CMYK	0.00, 0.06, 0.70, 0.27
HSL	54°, 54%, 47%
HSV	54°, 70%, 73%
XYZ	35.6407, 40.4773, 9.5489
YIQ	163.1360, 45.0300, -34.1540

Conversions

Conversions Part 2

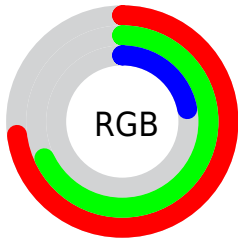
Format	Color
RYB	68, 185, 55
Decimal	12168503
CIELab	69.81, -9.31, 59.09
CIELCh	70, 59.816, 98.951
Yxy	40.4773, 0.4160, 0.4725
Android (android.graphics.Color)	4290358583 (0xFFB9AD37)
YUV	163.1360, -53.3110, 19.1747
Hunter-Lab	63.6218, -11.3430, 35.6365

Details

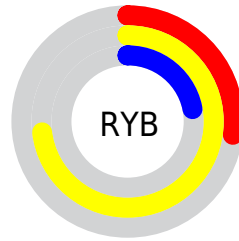
The XYZ color **35.6407, 40.4773, 9.5489** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **12.3397, 8.3292, 46.8558**, and the grayscale version is **35.1072, 36.9355, 40.2228**.

A 20% lighter version of the original color is **67.8119, 75.8240, 25.5294**, and **15.7395, 18.2639, 2.6957** is the 20% darker color. If you saturate the color by 10%, you get **34.9529, 39.6833, 7.5272**, and if you desaturate by 10%, it is **36.5008, 41.3499, 12.4489**.

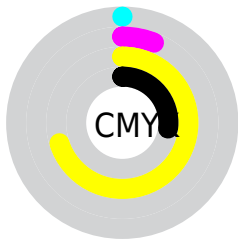
Distribution



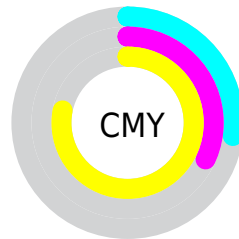
- Red (73%)
- Green (68%)
- Blue (22%)



- Red (27%)
- Yellow (73%)
- Blue (22%)



- Cyan (0%)
- Magenta (6%)
- Yellow (70%)
- Black (27%)





- Cyan (27%)
- Magenta (32%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6407, 40.4773, 9.5489 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 35.6407, 40.4773, 9.5489 by changing the saturation by 10% instead.


 35.6407, 40.4773,
9.5489


 35.6407, 40.4773,
9.5489


318.8461,
348.1312, 197.7879


 24.3257, 27.9109,
4.9992


 67.8046, 75.8898,
25.5379

 15.7014, 18.2585,
2.1881


 89.3842, 99.5046,
37.8143

 9.4026, 11.1357,
0.6675


 115.1161,
127.5711, 53.5034

 5.0639, 6.1582,
0.0000

 145.3655,
160.4736, 73.0237

 2.3200, 2.9415,
0.0000

 180.4978,
198.5964, 96.7938

 0.8048, 1.1013,
0.0000

 220.8785,

 0.0000, 0.0000,

242.3240, 125.2321

0.0000

266.8728,
292.0408, 158.7573

■ 35.6407, 40.4773,
9.5489

■ 35.6407, 40.4773,
9.5489

■ 34.9529, 39.6833,
7.5272

■ 36.5008, 41.3499,
12.4489

■ 34.4148, 38.9544,
6.2776

■ 37.5469, 42.3022,
16.3124

■ 33.9971, 38.2937,
5.5996

■ 38.7948, 43.3419,
21.2172

■ 40.2576, 44.4743,
27.2328

■ 41.9473, 45.7042,
34.4224

■ 43.8750, 47.0362,
42.8446

■ 46.0512, 48.4745,
52.5540

■ 48.4856, 50.0228,
63.6020

■ 51.1875, 51.6850,
76.0372

Harmonies

Analogous

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



45.5735, 40.4773, 10.6399



35.6407, 40.4773, 9.5489



27.8907, 40.4773, 14.2015

Triad

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



35.6407, 40.4773, 9.5489



25.7055, 40.4773, 86.9449



58.6544, 40.4773, 66.1961

Complementary

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



35.6407, 40.4773, 9.5489



12.3397, 8.3292, 46.8558

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.



51.4403, 40.4773, 100.0877



35.6407, 40.4773, 9.5489



32.1502, 40.4773, 115.1567

Square

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



35.6407, 40.4773, 9.5489



22.8227, 40.4773, 52.9246



41.4504, 40.4773, 120.7775



60.0135, 40.4773, 36.2677

Rectangle

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



35.6407, 40.4773, 9.5489



24.5943, 40.4773, 21.8510



41.4504, 40.4773, 120.7775



56.7820, 40.4773, 77.7940

Sweetspot

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



35.6416, 40.4792, 9.5497



74.7825, 81.6113, 60.1621



22.4173, 13.4644, 6.8868



15.9369, 17.4611, 12.1781



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.



35.6416, 40.4792, 9.5497



62.0779, 70.3928, 12.1790



27.7115, 39.9601, 9.8675



9.6774, 10.3578, 9.5961



23.1775, 26.1314, 3.8223



0.8378, 0.9628, 0.1417

Inverse Universe

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



12.3397, 8.3292, 46.8558



17.9556, 9.6115, 83.1134



16.1869, 9.3615, 46.8522



8.5860, 8.8492, 11.3350



6.1245, 2.7087, 31.4531



0.2383, 0.1403, 1.1163

Previews

White Background



This preview shows how the XYZ color 35.6407, 40.4773, 9.5489 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 35.6407, 40.4773, 9.5489 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 35.6407, 40.4773, 9.5489

Background



This preview shows how black text looks on a background with the XYZ color 35.6407, 40.4773, 9.5489.



This preview shows how white text looks on a background with the XYZ color 35.6407, 40.4773,

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

35.6407, 40.4773, 9.5489

Protanopia

36.7146, 40.4685, 9.3662

Deuteranopia

41.1503, 40.3026, 9.7480



Tritanopia

43.0660, 40.4988, 45.5916

Trichromacy



Original Color

35.6407, 40.4773, 9.5489

Protanomaly

36.4046, 40.5902, 9.4060

Deuteranomaly

39.0285, 40.2744, 9.7197

Tritanomaly

39.2188, 39.9875, 27.1240

Monochromacy



Original Color

35.6407, 40.4773, 9.5489

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.2514, 37.7506, 24.5501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6407, 40.4773, 9.5489 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, 173, 55)` looks like.

```
.text, #text, p{  
    color:rgb(185, 173, 55)  
}
```

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, 173, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 173, 55) }
```

Border

The CSS property to change the border of an element to XYZ 35.6407, 40.4773, 9.5489 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, 173, 55) }
```


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

```
.border{ border-color:rgb(185, 173, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 173, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 173, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 173, 55);  
box-shadow:4px 4px 4px 4px rgb(185, 173,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6407, 40.4773, 9.5489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 173, 55) }
```

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

```
.background{ background-color: rgb(185,  
173, 55) }
```

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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