

Converting Colors

XYZ(39.4543, 46.3480, 26.6055)

Have a look what the booklet for
XYZ(39.4543, 46.3480, 26.6055)
contains.

XYZ(39.4407, 46.2771, 26.5923)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.4407, 46.2771,
26.5923)**

Conversions

Conversions Part 1

Format	Color
Hex	B0BB7E
RGB	176, 187, 126
RGB Percent	69%, 73%, 49%
CMY	0.3098, 0.2666, 0.5059
CMYK	0.06, 0.00, 0.33, 0.27
HSL	71°, 31%, 61%
HSV	71°, 33%, 73%
XYZ	39.4407, 46.2771, 26.5923
YIQ	176.7570, 13.0250, -21.3030

Conversions

Conversions Part 2

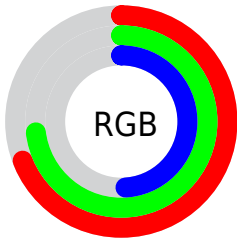
Format	Color
RYB	126, 187, 137
Decimal	11582334
CIELab	73.72, -13.81, 29.68
CIELCh	74, 32.737, 114.943
Yxy	46.2771, 0.3512, 0.4120
Android (android.graphics.Color)	4289772414 (0xFFB0BB7E)
YUV	176.7570, -25.0232, -0.6639
Hunter-Lab	68.0273, -15.5574, 24.4422

Details

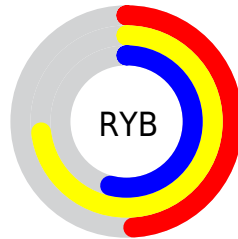
The XYZ color **39.4407, 46.2771, 26.5923** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.7488, 23.8292, 50.2060**, and the grayscale version is **41.7857, 43.9619, 47.8745**.

A 20% lighter version of the original color is **73.4660, 84.5117, 55.0881**, and **17.9980, 21.7830, 10.0934** is the 20% darker color. If you saturate the color by 10%, you get **37.5922, 45.4523, 20.7851**, and if you desaturate by 10%, it is **41.5361, 47.2061, 33.5904**.

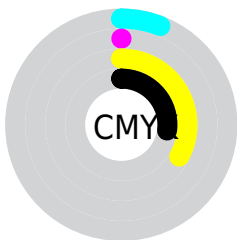
Distribution



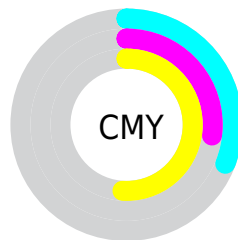
- Red (69%)
- Green (73%)
- Blue (49%)



- Red (49%)
- Yellow (73%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (33%)
- Black (27%)



- Cyan (31%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4407, 46.2771, 26.5923 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 39.4407, 46.2771, 26.5923 by changing the saturation by 10% instead.

■ 39.4407, 46.2771,
26.5923

■ 39.4407, 46.2771,
26.5923

334.9355,
371.9216, 299.3751

■ 27.2850, 32.4645,
17.0375

■ 73.6008, 84.6335,
55.2247

■ 17.9251, 21.7166,
10.0990

■ 96.3360, 109.9462,
75.1394

■ 10.9956, 13.6488,
5.3582

■ 123.3284,
139.8611, 99.3446

■ 6.1311, 7.8768,
2.3965

154.9433,
174.7625, 128.2586

■ 2.9664, 4.0162,
0.7846

191.5461,
215.0348, 162.3002

■ 1.1360, 1.6826,
0.0000

233.5022,

■ 0.0549, 0.4124,

261.0625, 201.8877

0.0000

281.1769,
313.2300, 247.4399

■ 0.0000, 0.0000,
0.0000

■ 39.4407, 46.2771,
26.5923

■ 39.4407, 46.2771,
26.5923

■ 37.5922, 45.4523,
20.7851

■ 41.5361, 47.2061,
33.5904

■ 35.9744, 44.7203,
16.0994

■ 43.8867, 48.2377,
41.8376

■ 34.5744, 44.0776,
12.4635

■ 46.5045, 49.3785,
51.3919

■ 33.3767, 43.5179,
9.7958

■ 49.3999, 50.6325,
62.3068

■ 32.3633, 43.0342,
8.0031

■ 52.5825, 52.0037,
74.6328

■ 31.5130, 42.6177,
6.9735

■ 56.0617, 53.4958,
88.4177

■ 30.9592, 42.3413,
6.5410

■ 59.5378, 54.9889,
102.0837

■ 60.4466, 55.4574,
102.1262

■ 61.3753, 55.9362,
102.1697

Harmonies

Analogous

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



44.9769, 46.2771, 24.7684



39.4407, 46.2771, 26.5923



35.4607, 46.2771, 34.1568

Triad

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



39.4407, 46.2771, 26.5923



37.8762, 46.2771, 81.3714



56.0756, 46.2771, 53.2604

Complementary

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



39.4407, 46.2771, 26.5923



26.7488, 23.8292, 50.2060

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.



53.7764, 46.2771, 71.0857



39.4407, 46.2771, 26.5923



43.0078, 46.2771, 89.4410

Square

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



39.4407, 46.2771, 26.5923



34.6147, 46.2771, 65.1180



48.8656, 46.2771, 85.3144



54.9099, 46.2771, 38.0656

Rectangle

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



39.4407, 46.2771, 26.5923



34.0565, 46.2771, 42.5264



48.8656, 46.2771, 85.3144



55.6768, 46.2771, 59.1630

Sweetspot

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



39.4419, 46.2792, 26.5933



79.7044, 86.8728, 78.9141



33.0887, 29.7278, 23.7334



17.4114, 19.0693, 16.8702



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.



39.4419, 46.2792, 26.5933



68.2698, 81.8249, 40.1182



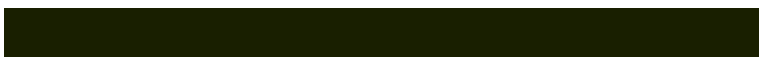
33.4513, 43.1909, 26.3129



10.1489, 11.0312, 10.1710



21.3855, 29.2005, 4.5091



0.8825, 1.1669, 0.1787

Inverse Universe

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



26.7488, 23.8292, 50.2060



42.0976, 35.5139, 88.8375



32.2980, 26.6899, 50.4657



9.1728, 9.3059, 11.9850



6.6734, 2.7263, 32.5674



0.3112, 0.1325, 1.2780

Previews

White Background



This preview shows how the XYZ color 39.4407, 46.2771, 26.5923 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 39.4407, 46.2771, 26.5923 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 39.4407, 46.2771, 26.5923

Background



This preview shows how black text looks on a background with the XYZ color 39.4407, 46.2771, 26.5923.



This preview shows how white text looks on a background with the XYZ color 39.4407, 46.2771,

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

39.4407, 46.2771, 26.5923

Protanopia

42.8640, 46.2136, 25.3998

Deuteranopia

46.9303, 45.9192, 27.1587



Tritanopia

45.7533, 46.4047, 56.9976

Trichromacy



Original Color

39.4407, 46.2771, 26.5923

Protanomaly

41.5578, 46.1410, 25.7846

Deuteranomaly

43.9041, 45.8168, 26.9516

Tritanomaly

43.1808, 46.2656, 44.1904

Monochromacy



Original Color

39.4407, 46.2771, 26.5923

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.8269, 44.8635, 38.8555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4407, 46.2771, 26.5923 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(176, 187, 126)` looks like.

```
.text, #text, p{  
    color:rgb(176, 187, 126)  
}
```

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(176, 187, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 187, 126) }
```

Border

The CSS property to change the border of an element to XYZ 39.4407, 46.2771, 26.5923 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(176, 187, 126) }
```


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

```
.border{ border-color:rgb(176, 187, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 187, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 187, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 187, 126);  
box-shadow:4px 4px 4px 4px rgb(176, 187,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4407, 46.2771, 26.5923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 187, 126) }
```

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

```
.background{ background-color: rgb(176,  
187, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor