

Converting Colors

XYZ(14.3511, 11.5509, 38.8580)

Have a look what the booklet for
XYZ(14.3511, 11.5509, 38.8580)
contains.

XYZ(14.3270, 11.4986, 39.0005)	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(14.3270, 11.4986,
39.0005)**

Conversions

Conversions Part 1

Format	Color
Hex	5656A9
RGB	86, 86, 169
RGB Percent	34%, 34%, 66%
CMY	0.6627, 0.6627, 0.3373
CMYK	0.49, 0.49, 0.00, 0.34
HSL	240°, 33%, 50%
HSV	240°, 49%, 66%
XYZ	14.3270, 11.4986, 39.0005
YIQ	95.4620, -26.6430, 25.8130

Conversions

Conversions Part 2

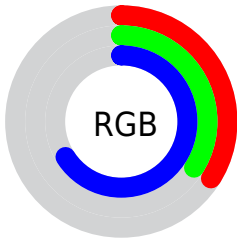
Format	Color
R_{YB}	86, 86, 169
Decimal	5658281
CIE _{Lab}	40.41, 22.96, -44.78
CIE _{LCh}	40, 50.325, 297.146
Yxy	11.4986, 0.2210, 0.1774
Android (android.graphics.Color)	4283848361 (0xFF5656A9)
YUV	95.4620, 36.2542, -8.2982
Hunter-Lab	33.9096, 16.0755, -44.4546

Details

The XYZ color **14.3270, 11.4986, 39.0005** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **32.2296, 37.4828, 14.3406**, and the grayscale version is **10.9087, 11.4768, 12.4982**.

A 20% lighter version of the original color is **33.3793, 28.7073, 75.0159**, and **4.4242, 3.0937, 16.8870** is the 20% darker color. If you saturate the color by 10%, you get **11.7575, 8.4023, 38.5385**, and if you desaturate by 10%, it is **17.5844, 15.4233, 39.5866**.

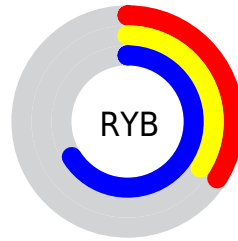
Distribution



Red (34%)

Green (34%)

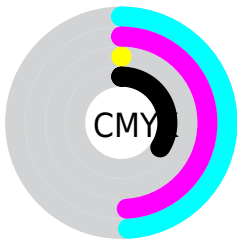
Blue (66%)



Red (34%)

Yellow (34%)

Blue (66%)

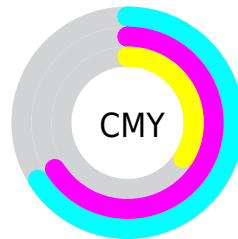


Cyan (49%)

Magenta (49%)

Yellow (0%)

Black (34%)



Cyan (66%)

Magenta (66%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3270, 11.4986, 39.0005 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 14.3270, 11.4986, 39.0005 by changing the saturation by 10% instead.

■ 14.3270, 11.4986,
39.0005

■ 14.3270, 11.4986,
39.0005

212.7259,
201.0570, 357.3186

■ 8.4317, 6.4033,
26.4523

■ 33.2496, 28.5785,
74.8594

■ 4.4265, 3.0918,
16.9335

■ 47.0075, 41.3319,
99.0072

■ 1.9461, 1.1798,
10.0256

■ 64.1170, 57.4068,
127.8586

■ 0.6034, 0.0452,
5.3101

■ 84.9435, 77.1875,
161.8322

■ 0.0000, 0.0000,
2.3685

■ 109.8523,
101.0585, 201.3464

■ 0.0000, 0.0000,
0.7692

139.2087,

■ 0.0000, 0.0000,

129.4042, 246.8199

0.0000

173.3781,
162.6089, 298.6711

■ 14.3270, 11.4986,
39.0005

■ 14.3270, 11.4986,
39.0005

■ 11.7575, 8.4023,
38.5385

■ 17.5844, 15.4233,
39.5866

■ 9.8252, 6.0741,
38.1910

■ 21.5725, 20.2288,
40.3040

■ 8.4750, 4.4471,
37.9481

■ 26.3326, 25.9644,
41.1602

■ 7.6415, 3.4429,
37.7982

■ 31.9022, 32.6755,
42.1620

■ 7.1966, 2.9069,
37.7182

■ 38.3166, 40.4045,
43.3157

■ 7.1616, 2.8646,
37.7119

■ 45.6089, 49.1913,
44.6274

■ 53.8104, 59.0737,
46.1027

■ 62.9509, 70.0876,
47.7468

■ 73.0589, 82.2673,
49.5650

Harmonies

Analogous

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



10.5946, 11.4986, 43.6918



14.3270, 11.4986, 39.0005



17.6787, 11.4986, 26.3007

Triad

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



14.3270, 11.4986, 39.0005



15.0396, 11.4986, 2.2619



5.4558, 11.4986, 11.5770

Complementary

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



14.3270, 11.4986, 39.0005



32.2296, 37.4828, 14.3406

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.



6.1620, 11.4986, 4.6591



14.3270, 11.4986, 39.0005



11.2705, 11.4986, 1.4124

Square

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



14.3270, 11.4986, 39.0005



18.1484, 11.4986, 5.5812



8.1160, 11.4986, 1.9665



5.9342, 11.4986, 23.6460

Rectangle

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



14.3270, 11.4986, 39.0005



18.9703, 11.4986, 17.3607



8.1160, 11.4986, 1.9665



5.5581, 11.4986, 8.6748

Sweetspot

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



14.3275, 11.4990, 39.0008



50.8186, 50.9090, 74.3731



25.1874, 33.2192, 42.6208



10.6523, 10.5852, 16.1338



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



14.3275, 11.4990, 39.0008



20.6830, 14.5975, 68.9526



19.3166, 14.0709, 39.2343



7.1318, 7.3006, 9.4516



5.3374, 2.1350, 28.1063



0.1299, 0.0519, 0.6838

Inverse Universe

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



26.8514, 17.9553, 39.5856



45.7778, 27.5344, 70.1240



24.6950, 33.5986, 13.9880



7.8419, 7.6666, 9.4848



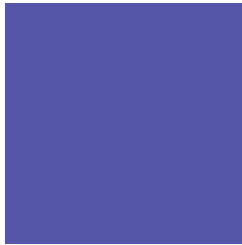
17.5317, 8.4214, 28.6749



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 14.3270, 11.4986, 39.0005 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 14.3270, 11.4986, 39.0005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3270, 11.4986, 39.0005

Background



This preview shows how black text looks on a background with the XYZ color 14.3270, 11.4986, 39.0005.



This preview shows how white text looks on a background with the XYZ color 14.3270, 11.4986,

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

14.3270, 11.4986, 39.0005

Protanopia

13.0332, 11.5063, 42.0915

Deuteranopia

11.8511, 11.5131, 38.1568



Tritanopia

9.6478, 11.4260, 15.8843

Trichromacy



Original Color

14.3270, 11.4986, 39.0005

Protanomaly

13.3790, 11.4533, 41.0407

Deuteranomaly

12.4164, 11.2657, 38.5659

Tritanomaly

11.0231, 11.2920, 22.7177

Monochromacy



Original Color

14.3270, 11.4986, 39.0005

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.7536, 11.3347, 19.9807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3270, 11.4986, 39.0005 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(86, 86, 169)` looks like.

```
.text, #text, p{  
    color:rgb(86, 86, 169)  
}
```

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(86, 86, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 86, 169) }
```

Border

The CSS property to change the border of an element to XYZ 14.3270, 11.4986, 39.0005 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(86, 86, 169) }
```


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

```
.border{ border-color:rgb(86, 86, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 86, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 86, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 86, 169);  
box-shadow:4px 4px 4px 4px rgb(86, 86,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3270, 11.4986, 39.0005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 86, 169) }
```

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

```
.background{ background-color: rgb(86, 86,  
169) }
```

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