

Converting Colors

XYZ(14.0958, 10.8090, 37.4560)

Have a look what the booklet for
XYZ(14.0958, 10.8090, 37.4560)
contains.

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Color

**XYZ(14.1397, 10.8622,
37.4278)**

Conversions

Conversions Part 1

Format	Color
Hex	5B51A6
RGB	91, 81, 166
RGB Percent	36%, 32%, 65%
CMY	0.6431, 0.6823, 0.3490
CMYK	0.45, 0.51, 0.00, 0.35
HSL	247°, 34%, 48%
HSV	247°, 51%, 65%
XYZ	14.1397, 10.8622, 37.4278
YIQ	93.6800, -21.3250, 28.5550

Conversions

Conversions Part 2

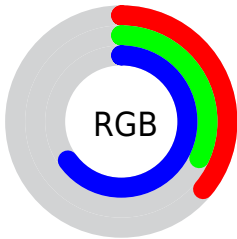
Format	Color
R _Y B	91, 81, 166
Decimal	5984678
CIE Lab	39.35, 26.37, -44.67
CIE LCh	39, 51.875, 300.550
Yxy	10.8622, 0.2265, 0.1740
Android (android.graphics.Color)	4284174758 (0xFF5B51A6)
YUV	93.6800, 35.6538, -2.3504
Hunter-Lab	32.9579, 18.9045, -44.2608

Details

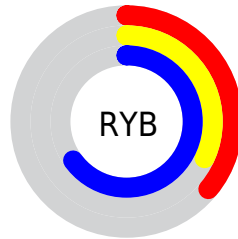
The XYZ color **14.1397, 10.8622, 37.4278** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **28.8318, 34.9346, 13.0084**, and the grayscale version is **10.4866, 11.0327, 12.0146**.

A 20% lighter version of the original color is **32.9782, 27.5263, 72.6822**, and **4.3391, 2.8291, 15.9402** is the 20% darker color. If you saturate the color by 10%, you get **11.7479, 8.0165, 37.0048**, and if you desaturate by 10%, it is **17.1158, 14.4569, 37.9650**.

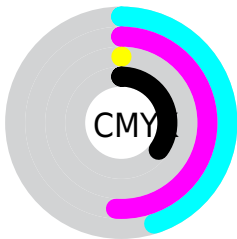
Distribution



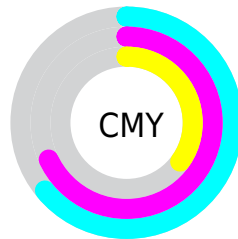
- Red (36%)
- Green (32%)
- Blue (65%)



- Red (36%)
- Yellow (32%)
- Blue (65%)



- Cyan (45%)
- Magenta (51%)
- Yellow (0%)
- Black (35%)



- Cyan (64%)
- Magenta (68%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1397, 10.8622, 37.4278 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 14.1397, 10.8622, 37.4278 by changing the saturation by 10% instead.

■ 14.1397, 10.8622,
37.4278

■ 14.1397, 10.8622,
37.4278

211.5914,
196.7197, 350.3833

■ 8.3002, 5.9742,
25.2405

■ 32.9209, 27.4051,
72.4239

■ 4.3411, 2.8294,
16.0357

■ 46.5934, 39.8288,
96.0698

■ 1.8968, 1.0433,
9.3948

■ 63.6075, 55.5332,
124.3724

■ 0.5750, 0.0000,
4.8993

■ 84.3287, 74.9027,
157.7501

■ 0.0000, 0.0000,
2.1306

■ 109.1224, 98.3217,
196.6215

■ 0.0000, 0.0000,
0.6339

138.3538,

■ 0.0000, 0.0000,

126.1746, 241.4051

0.0000

172.3884,
158.8458, 292.5195

■ 14.1397, 10.8622,
37.4278

■ 14.1397, 10.8622,
37.4278

■ 11.7479, 8.0165,
37.0048

■ 17.1158, 14.4569,
37.9650

■ 9.9002, 5.8656,
36.6870

■ 20.7100, 18.8477,
38.6231

■ 8.5534, 4.3495,
36.4654

■ 24.9552, 24.0788,
39.4090

■ 7.6569, 3.3974,
36.3289

■ 29.8817, 30.1911,
40.3292

■ 7.1620, 2.8970,
36.2584

■ 35.5176, 37.2226,
41.3893

■ 41.8896, 45.2092,
42.5951

■ 49.0231, 54.1849,
43.9516

■ 56.9419, 64.1819,
45.4638

■ 65.6693, 75.2311,
47.1366

Harmonies

Analogous

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



10.3889, 10.8622, 43.4984



14.1397, 10.8622, 37.4278



17.3693, 10.8622, 24.0711

Triad

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



14.1397, 10.8622, 37.4278



14.0022, 10.8622, 1.7274



4.9478, 10.8622, 12.0130

Complementary

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



14.1397, 10.8622, 37.4278



28.8318, 34.9346, 13.0084

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.



5.5000, 10.8622, 4.6526



14.1397, 10.8622, 37.4278



10.2597, 10.8622, 1.1245

Square

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



14.1397, 10.8622, 37.4278



17.2781, 10.8622, 4.4827



7.2654, 10.8622, 1.7792



5.5425, 10.8622, 24.5893

Rectangle

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



14.1397, 10.8622, 37.4278



18.4945, 10.8622, 15.2852



7.2654, 10.8622, 1.7792



5.0038, 10.8622, 8.9343

Sweetspot

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



14.1402, 10.8626, 37.4281



50.4363, 50.0758, 72.4826



22.1790, 28.3077, 40.3716



10.8814, 10.7033, 16.1446



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.



14.1402, 10.8626, 37.4281



20.9691, 14.1348, 67.0984



19.5645, 13.6589, 37.6819



7.2108, 7.3413, 9.4553



5.5758, 2.2579, 28.1174



0.1599, 0.0674, 0.6852

Inverse Universe

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



24.6693, 16.3924, 33.3162



42.3182, 25.3632, 58.0430



22.0071, 31.4163, 12.6890



7.8033, 7.6512, 9.2816



16.2575, 7.9117, 21.9651



0.4059, 0.1966, 0.5888

Previews

White Background



This preview shows how the XYZ color 14.1397, 10.8622, 37.4278 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 14.1397, 10.8622, 37.4278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

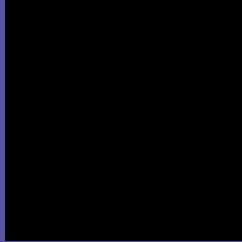
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1397, 10.8622, 37.4278

Background



This preview shows how black text looks on a background with the XYZ color 14.1397, 10.8622, 37.4278.



This preview shows how white text looks on a background with the XYZ color 14.1397, 10.8622,

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

14.1397, 10.8622, 37.4278

Protanopia

12.5207, 10.9883, 42.0185

Deuteranopia

11.1786, 10.9411, 36.1730



Tritanopia

9.5056, 10.8211, 14.6844

Trichromacy



Original Color

14.1397, 10.8622, 37.4278

Protanomaly

12.8412, 10.8191, 40.4412

Deuteranomaly

11.7414, 10.5820, 36.5456

Tritanomaly

10.8801, 10.7200, 21.5744

Monochromacy



Original Color

14.1397, 10.8622, 37.4278

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.4767, 10.8280, 19.2544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1397, 10.8622, 37.4278 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(91, 81, 166)` looks like.

```
.text, #text, p{  
    color:rgb(91, 81, 166)  
}
```

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(91, 81, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 81, 166) }
```

Border

The CSS property to change the border of an element to XYZ 14.1397, 10.8622, 37.4278 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(91, 81, 166) }
```


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

```
.border{ border-color:rgb(91, 81, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 81, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 81, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 81, 166);  
box-shadow:4px 4px 4px 4px rgb(91, 81,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1397, 10.8622, 37.4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 81, 166) }
```

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

```
.background{ background-color: rgb(91, 81,  
166) }
```

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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