

Converting Colors

XYZ(14.1164, 9.8170, 37.7104)

Have a look what the booklet for
XYZ(14.1164, 9.8170, 37.7104)
contains.

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Color

**XYZ(14.1581, 9.8379,
37.7119)**

Conversions

Conversions Part 1

Format	Color
Hex	6147A7
RGB	97, 71, 167
RGB Percent	38%, 28%, 65%
CMY	0.6196, 0.7216, 0.3451
CMYK	0.42, 0.57, 0.00, 0.35
HSL	256°, 40%, 47%
HSV	256°, 57%, 65%
XYZ	14.1581, 9.8379, 37.7119
YIQ	89.7180, -15.3200, 35.3680

Conversions

Conversions Part 2

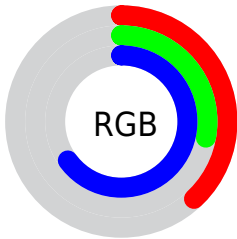
Format	Color
R_{YB}	97, 71, 167
Decimal	6375335
CIE Lab	37.55, 34.23, -48.13
CIE LCh	38, 59.059, 305.422
Yxy	9.8379, 0.2294, 0.1594
Android (android.graphics.Color)	4284565415 (0xFF6147A7)
YUV	89.7180, 38.1000, 6.3863
Hunter-Lab	31.3654, 25.6840, -49.3309

Details

The XYZ color **14.1581, 9.8379, 37.7119** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **25.9403, 33.7551, 11.1096**, and the grayscale version is **9.5756, 10.0743, 10.9709**.

A 20% lighter version of the original color is **32.9846, 25.4361, 72.9832**, and **4.3397, 2.4024, 16.1546** is the 20% darker color. If you saturate the color by 10%, you get **12.0389, 7.3797, 37.3493**, and if you desaturate by 10%, it is **16.7692, 12.9832, 38.1816**.

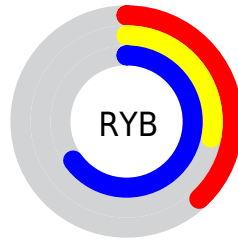
Distribution



Red (38%)

Green (28%)

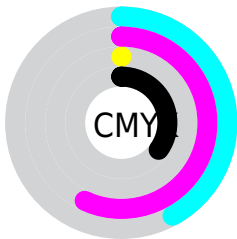
Blue (65%)



Red (38%)

Yellow (28%)

Blue (65%)

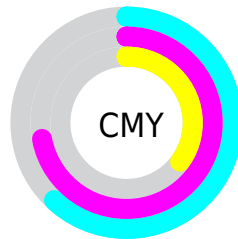


Cyan (42%)

Magenta (57%)

Yellow (0%)

Black (35%)



Cyan (62%)

Magenta (72%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1581, 9.8379, 37.7119 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 14.1581, 9.8379, 37.7119 by changing the saturation by 10% instead.

■ 14.1581, 9.8379,
37.7119

■ 14.1581, 9.8379,
37.7119

211.7032,
189.5112, 351.6435

■ 8.3131, 5.2916,
25.4591

■ 32.9532, 25.4902,
72.8649

■ 4.3495, 2.4194,
16.1973

■ 46.6341, 37.3649,
96.6021

■ 1.9017, 0.8358,
9.5080

■ 63.6576, 52.4513,
125.0045

■ 0.5778, 0.0000,
4.9727

■ 84.3892, 71.1337,
158.4906

■ 0.0000, 0.0000,
2.1728

■ 109.1942, 93.7965,
197.4791

■ 0.0000, 0.0000,
0.6586

138.4380,

■ 0.0000, 0.0000,

120.8241, 242.3884

0.0000

172.4858,
152.6008, 293.6370

■ 14.1581, 9.8379,
37.7119

■ 14.1581, 9.8379,
37.7119

■ 12.0389, 7.3797,
37.3493

■ 16.7692, 12.9832,
38.1816

■ 10.3767, 5.5537,
37.0845

■ 19.9011, 16.8624,
38.7653

■ 9.1337, 4.2982,
36.9077

■ 23.5821, 21.5195,
39.4702

■ 8.2537, 3.5169,
36.8032

■ 27.8377, 26.9945,
40.3027

■ 8.0676, 3.3532,
36.7814

■ 32.6919, 33.3247,
41.2687

■ 38.1673, 40.5451,
42.3738

■ 44.2854, 48.6887,
43.6232

■ 51.0664, 57.7868,
45.0219

■ 58.5299, 67.8692,
46.5746

Harmonies

Analogous

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



10.0454, 9.8379, 46.9734



14.1581, 9.8379, 37.7119



17.5144, 9.8379, 21.7381

Triad

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



14.1581, 9.8379, 37.7119



12.6650, 9.8379, 0.7714



3.8708, 9.8379, 12.7739

Complementary

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



14.1581, 9.8379, 37.7119



25.9403, 33.7551, 11.1096

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.



4.2244, 9.8379, 4.2350



14.1581, 9.8379, 37.7119



8.6887, 9.8379, 0.4158

Square

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



14.1581, 9.8379, 37.7119



16.5040, 9.8379, 2.6690



5.7770, 9.8379, 1.1753



4.6364, 9.8379, 27.5888

Rectangle

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



14.1581, 9.8379, 37.7119



18.4852, 9.8379, 12.4377



5.7770, 9.8379, 1.1753



3.8657, 9.8379, 9.1534

Sweetspot

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



14.1585, 9.8382, 37.7121



49.9995, 48.5320, 72.2076



19.1578, 23.2978, 40.0466



10.8435, 10.4135, 16.0906



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.



14.1585, 9.8382, 37.7121



20.6586, 12.2035, 66.7420



20.8352, 13.2802, 38.0246



7.3154, 7.3952, 9.4602



6.2148, 2.5873, 28.1473



0.1990, 0.0876, 0.6871

Inverse Universe

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



22.9973, 14.6452, 26.8132



38.4199, 21.8948, 43.4004



19.5110, 30.4407, 10.8087



7.7539, 7.6314, 9.0212



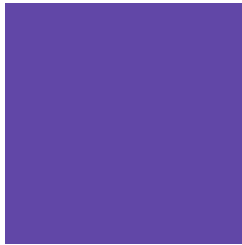
14.8929, 7.3659, 14.7795



0.3820, 0.1871, 0.4632

Previews

White Background



This preview shows how the XYZ color 14.1581, 9.8379, 37.7119 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 ✓ Pass

Black Background



This preview shows how the XYZ color 14.1581, 9.8379, 37.7119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

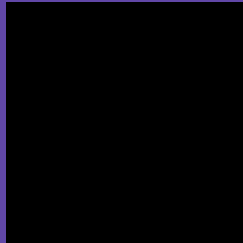
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1581, 9.8379, 37.7119

Background



This preview shows how black text looks on a background with the XYZ color 14.1581, 9.8379, 37.7119.



This preview shows how white text looks on a background with the XYZ color 14.1581, 9.8379,

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

14.1581, 9.8379, 37.7119

Protanopia

11.5890, 9.8332, 45.0033

Deuteranopia

9.9142, 9.8155, 34.1729



Tritanopia

9.1221, 9.8809, 12.7357

Trichromacy



Original Color

14.1581, 9.8379, 37.7119

Protanomaly

11.3983, 9.2292, 42.2550

Deuteranomaly

10.3080, 9.1525, 35.4057

Tritanomaly

10.4439, 9.5701, 19.7091

Monochromacy



Original Color

14.1581, 9.8379, 37.7119

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

10.8775, 9.8217, 18.4620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1581, 9.8379, 37.7119 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(97, 71, 167)` looks like.

```
.text, #text, p{  
    color:rgb(97, 71, 167)  
}
```

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(97, 71, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 71, 167) }
```

Border

The CSS property to change the border of an element to XYZ 14.1581, 9.8379, 37.7119 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(97, 71, 167) }
```


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

```
.border{ border-color:rgb(97, 71, 167) }
```

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

Here you see how a box with a 4 pixel rgb(97, 71, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 71, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 71, 167);  
box-shadow:4px 4px 4px 4px rgb(97, 71,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1581, 9.8379, 37.7119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 71, 167) }
```

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

```
.background{ background-color: rgb(97, 71,  
167) }
```

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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