

Converting Colors

XYZ(14.0718, 9.0832, 31.1487)

Have a look what the booklet for
XYZ(14.0718, 9.0832, 31.1487)
contains.

XYZ(14.1006, 9.0821, 31.1468)	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(14.1006, 9.0821,
31.1468)**

Conversions

Conversions Part 1

Format	Color
Hex	703D99
RGB	112, 61, 153
RGB Percent	44%, 24%, 60%
CMY	0.5608, 0.7608, 0.4000
CMYK	0.27, 0.60, 0.00, 0.40
HSL	273°, 43%, 42%
HSV	273°, 60%, 60%
XYZ	14.1006, 9.0821, 31.1468
YIQ	86.7370, 0.8640, 39.4240

Conversions

Conversions Part 2

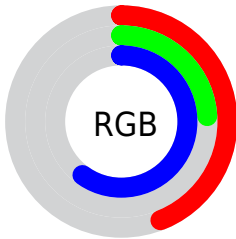
Format	Color
R_{YB}	112, 61, 153
Decimal	7355801
CIE Lab	36.14, 39.94, -41.88
CIE LCh	36, 57.871, 313.642
Yxy	9.0821, 0.2595, 0.1672
Android (android.graphics.Color)	4285545881 (0xFF703D99)
YUV	86.7370, 32.6677, 22.1557
Hunter-Lab	30.1365, 30.7796, -40.1820

Details

The XYZ color **14.1006, 9.0821, 31.1468** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **17.7131, 25.9443, 8.4892**, and the grayscale version is **8.9350, 9.4003, 10.2369**.

A 20% lighter version of the original color is **32.7955, 24.0299, 62.5842**, and **4.3321, 2.1396, 12.4966** is the 20% darker color. If you saturate the color by 10%, you get **12.5625, 7.2451, 30.8734**, and if you desaturate by 10%, it is **15.9382, 11.4197, 31.5013**.

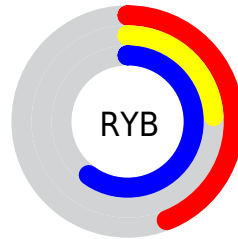
Distribution



Red (44%)

Green (24%)

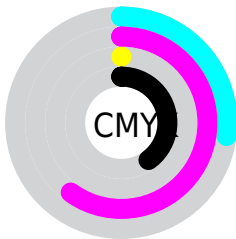
Blue (60%)



Red (44%)

Yellow (24%)

Blue (60%)

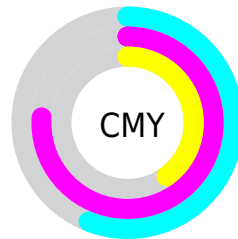


Cyan (27%)

Magenta (60%)

Yellow (0%)

Black (40%)



Cyan (56%)

Magenta (76%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1006, 9.0821, 31.1468 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 14.1006, 9.0821, 31.1468 by changing the saturation by 10% instead.

■ 14.1006, 9.0821,
31.1468

■ 14.1006, 9.0821,
31.1468

■ 211.3539,
183.9892, 321.5862

■ 8.2728, 4.7948,
20.4513

■ 32.8522, 24.0541,
62.5534

■ 4.3233, 2.1274,
12.5362

■ 46.5067, 35.5075,
84.1015

■ 1.8866, 0.6799,
6.9830

■ 63.5009, 50.1184,
110.1043

■ 0.5690, 0.0000,
3.3732

■ 84.2001, 68.2712,
140.9802

■ 0.0000, 0.0000,
1.2882

■ 108.9696, 90.3503,
177.1478

■ 0.0000, 0.0000,
0.0521

■ 138.1749,

■ 0.0000, 0.0000,

116.7401, 219.0256

0.0000

172.1812,
147.8249, 267.0322

■ 14.1006, 9.0821,
31.1468

■ 14.1006, 9.0821,
31.1468

■ 12.5625, 7.2451,
30.8734

■ 15.9382, 11.4197,
31.5013

■ 11.3008, 5.8660,
30.6738

■ 18.0935, 14.2935,
31.9424

■ 10.2906, 4.8965,
30.5399

■ 20.5846, 17.7372,
32.4758

■ 9.4796, 4.2227,
30.4526

■ 23.4276, 21.7812,
33.1066

■ 26.6376, 26.4538,
33.8393

■ 30.2288, 31.7812,
34.6783

■ 34.2145, 37.7885,
35.6277

■ 38.6073, 44.4992,
36.6915

■ 43.4194, 51.9357,
37.8733

Harmonies

Analogous

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



10.3024, 9.0821, 42.4781



14.1006, 9.0821, 31.1468



16.7416, 9.0821, 16.3015

Triad

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



14.1006, 9.0821, 31.1468



10.6498, 9.0821, 0.4744



3.6384, 9.0821, 15.1114

Complementary

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



14.1006, 9.0821, 31.1468



17.7131, 25.9443, 8.4892

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.



3.6846, 9.0821, 5.4265



14.1006, 9.0821, 31.1468



7.1531, 9.0821, 0.4247

Square

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



14.1006, 9.0821, 31.1468



14.4129, 9.0821, 1.6972



4.7996, 9.0821, 1.5071



4.6500, 9.0821, 29.7914

Rectangle

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



14.1006, 9.0821, 31.1468



17.1436, 9.0821, 8.7247



4.7996, 9.0821, 1.5071



3.5411, 9.0821, 11.1522

Sweetspot

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



14.1010, 9.0824, 31.1470



42.9272, 40.4086, 59.5091



12.4652, 12.8738, 31.9650



9.1550, 8.4561, 13.0672



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.1010, 9.0824, 31.1470



21.7012, 12.0751, 55.1589



20.1828, 12.2608, 29.4862



6.1954, 6.1866, 7.7966



7.8735, 3.5100, 25.1702



0.1595, 0.0740, 0.3783

Inverse Universe

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



17.2040, 11.0693, 13.8001



28.2865, 16.2712, 19.2639



14.2875, 24.1634, 9.0038



6.3175, 6.2661, 7.0518



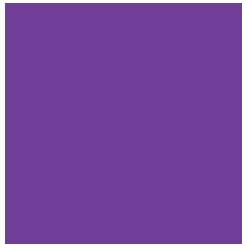
11.7407, 5.9505, 5.1596



0.1934, 0.0961, 0.1715

Previews

White Background



This preview shows how the XYZ color 14.1006, 9.0821, 31.1468 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 14.1006, 9.0821, 31.1468 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 14.1006, 9.0821, 31.1468

Background



This preview shows how black text looks on a background with the XYZ color 14.1006, 9.0821, 31.1468.



This preview shows how white text looks on a background with the XYZ color 14.1006, 9.0821,

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

14.1006, 9.0821, 31.1468

Protanopia

10.7552, 9.1297, 41.7528

Deuteranopia

9.4006, 9.1688, 29.2913



Tritanopia

9.8039, 9.1185, 10.0474

Trichromacy



Original Color

14.1006, 9.0821, 31.1468

Protanomaly

10.3383, 8.1590, 37.5892

Deuteranomaly

10.2733, 8.5998, 29.9726

Tritanomaly

10.9059, 8.8339, 15.8822

Monochromacy



Original Color

14.1006, 9.0821, 31.1468

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.4175, 9.0833, 16.2431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1006, 9.0821, 31.1468 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(112, 61, 153)` looks like.

```
.text, #text, p{  
    color:rgb(112, 61, 153)  
}
```

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(112, 61, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 61, 153) }
```

Border

The CSS property to change the border of an element to XYZ 14.1006, 9.0821, 31.1468 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(112, 61, 153) }
```


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

```
.border{ border-color:rgb(112, 61, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 61, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 61, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 61, 153);  
box-shadow:4px 4px 4px 4px rgb(112, 61,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1006, 9.0821, 31.1468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 61, 153) }
```

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

```
.background{ background-color: rgb(112, 61,  
153) }
```

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