

Converting Colors

XYZ(9.4776, 4.9929, 14.9322)

Have a look what the booklet for
XYZ(9.4776, 4.9929, 14.9322)
contains.

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Color

**XYZ(9.4776, 4.9929,
14.9322)**

Conversions

Conversions Part 1

Format	Color
Hex	6E166D
RGB	110, 22, 109
RGB Percent	43%, 9%, 43%
CMY	0.5686, 0.9137, 0.5725
CMYK	0.00, 0.80, 0.01, 0.57
HSL	301°, 67%, 26%
HSV	301°, 80%, 43%
XYZ	9.4776, 4.9929, 14.9322
YIQ	58.2300, 24.5210, 45.7130

Conversions

Conversions Part 2

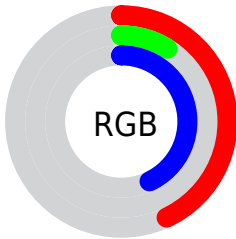
Format	Color
RYB	110, 22, 109
Decimal	7214701
CIELab	26.71, 47.74, -29.49
CIELCh	27, 56.119, 328.296
Yxy	4.9929, 0.3223, 0.1698
Android (android.graphics.Color)	4285404781 (0xFF6E166D)
YUV	58.2300, 25.0296, 45.4023
Hunter-Lab	22.3448, 36.6078, -23.9799




Details

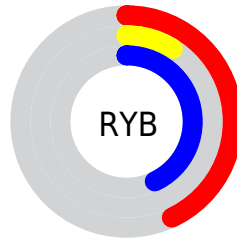
The XYZ color **9.4776, 4.9929, 14.9322** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **6.0617, 11.3845, 2.6888**, and the grayscale version is **4.0180, 4.2273, 4.6035**.




A 20% lighter version of the original color is **24.3967, 15.7735, 35.4769**, and **2.5872, 1.2365, 4.5172** is the 20% darker color. If you saturate the color by 10%, you get **9.3038, 4.6559, 14.8411**, and if you desaturate by 10%, it is **9.7415, 5.5098, 15.0534**.

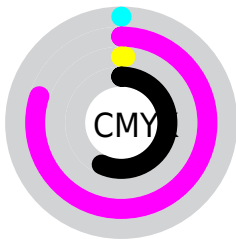
Distribution







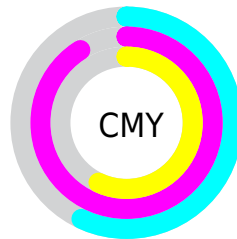
-  Red (43%)
-  Green (9%)
-  Blue (43%)






-  Red (43%)
-  Yellow (9%)
-  Blue (43%)



-  Cyan (0%)
-  Magenta (80%)
-  Yellow (1%)
-  Black (57%)



-  Cyan (57%)
-  Magenta (91%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.4776, 4.9929, 14.9322 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 9.4776, 4.9929, 14.9322 by changing the saturation by 10% instead.

9.4776, 4.9929,
14.9322

9.4776, 4.9929,
14.9322

181.0345,
149.7550, 234.5821

5.1136, 2.2431,
8.6257

24.4669, 15.8027,
35.4748

2.3495, 0.7433,
4.4044

35.8228, 24.6314,
50.5480

0.8198, 0.0000,
1.8497

50.2401, 36.2553,
69.3806

0.0000, 0.0000,
0.4605

68.0842, 51.0587,
92.3910

0.0000, 0.0000,
0.0000

89.7203, 69.4259,
119.9978

115.5138, 91.7415,

152.6196

145.8301,
118.3897, 190.6748

9.4776, 4.9929,
14.9322

9.4776, 4.9929,
14.9322

9.3038, 4.6559,
14.8411

9.7415, 5.5098,
15.0534

9.1774, 4.4139,
14.7658

10.1051, 6.2262,
15.2079

9.1774, 4.4138,
14.7658

10.5774, 7.1600,
15.3987

11.1663, 8.3269,
15.6284

11.8788, 9.7410,
15.8993

■ 12.7215, 11.4155,
16.2137

■ 13.7004, 13.3626,
16.5735

■ 14.8214, 15.5936,
16.9807

■ 16.0897, 18.1194,
17.4371

Harmonies

Analogous

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



7.1141, 4.9929, 25.3634



9.4776, 4.9929, 14.9322



10.5388, 4.9929, 5.8144

Triad

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



9.4776, 4.9929, 14.9322



4.8758, 4.9929, 0.0000



1.8584, 4.9929, 13.7117

Complementary

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



9.4776, 4.9929, 14.9322



6.0617, 11.3845, 2.6888

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.



1.5954, 4.9929, 5.0752



9.4776, 4.9929, 14.9322



2.9715, 4.9929, 0.0000

Square

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



9.4776, 4.9929, 14.9322



7.4109, 4.9929, 0.0000



1.9283, 4.9929, 1.1716



2.8109, 4.9929, 24.3455

Rectangle

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



9.4776, 4.9929, 14.9322



10.1730, 4.9929, 2.3939



1.9283, 4.9929, 1.1716



1.7029, 4.9929, 10.3455

Sweetspot

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



9.4778, 4.9931, 14.9323



21.6249, 18.6240, 28.2081



3.4324, 1.8704, 14.9321



4.9411, 4.1528, 6.5301



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



9.4778, 4.9931, 14.9323



16.1808, 7.8761, 25.9611



7.7009, 4.2824, 5.5753



3.5128, 3.4528, 4.2273



11.0240, 5.3020, 17.7342



54.8923, 26.4022, 88.2199

Inverse Universe

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



9.4778, 4.9931, 14.9323



16.1808, 7.8761, 25.9611



6.8904, 11.7160, 7.0528



3.5128, 3.4528, 4.2273



11.0240, 5.3020, 17.7342



54.8923, 26.4022, 88.2199

Previews

White Background



This preview shows how the XYZ color 9.4776, 4.9929, 14.9322 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 9.4776, 4.9929, 14.9322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

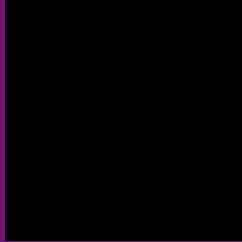
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 9.4776, 4.9929, 14.9322

Background



This preview shows how black text looks on a background with the XYZ color 9.4776, 4.9929, 14.9322.



This preview shows how white text looks on a background with the XYZ color 9.4776, 4.9929,

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

9.4776, 4.9929, 14.9322

Protanopia

6.0111, 5.2485, 22.8865

Deuteranopia

5.3772, 5.2953, 13.5707



Tritanopia

7.1462, 5.0678, 3.6192

Trichromacy



Original Color

9.4776, 4.9929, 14.9322

Protanomaly

5.5701, 4.0203, 19.5512

Deuteranomaly

6.0320, 4.4455, 13.9047

Tritanomaly

7.7428, 4.8422, 6.4878

Monochromacy



Original Color

9.4776, 4.9929, 14.9322

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

5.3385, 3.9904, 7.5100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.4776, 4.9929, 14.9322 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(110, 22, 109)` looks like.

```
.text, #text, p{  
    color:rgb(110, 22, 109)  
}
```

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(110, 22, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 22, 109) }
```

Border

The CSS property to change the border of an element to XYZ 9.4776, 4.9929, 14.9322 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(110, 22, 109) }
```


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

```
.border{ border-color:rgb(110, 22, 109) }
```

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

Here you see how a box with a 4 pixel rgb(110, 22, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 22, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 22, 109);  
box-shadow:4px 4px 4px 4px rgb(110, 22,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 9.4776, 4.9929, 14.9322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 22, 109) }
```

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

```
.background{ background-color: rgb(110, 22,  
109) }
```

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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