

Converting Colors

XYZ(16.0970, 14.0957, 20.2260)

Have a look what the booklet for
XYZ(16.0970, 14.0957, 20.2260)
contains.

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Color

**XYZ(16.1532, 14.1309,
20.2885)**

Conversions

Conversions Part 1

Format	Color
Hex	7D607A
RGB	125, 96, 122
RGB Percent	49%, 38%, 48%
CMY	0.5098, 0.6235, 0.5216
CMYK	0.00, 0.23, 0.02, 0.51
HSL	306°, 13%, 43%
HSV	306°, 23%, 49%
XYZ	16.1532, 14.1309, 20.2885
YIQ	107.6350, 8.9380, 14.2340

Conversions

Conversions Part 2

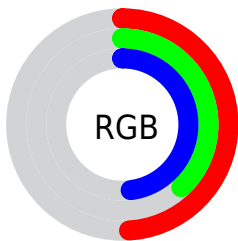
Format	Color
R_{YB}	125, 96, 122
Decimal	8216698
CIE Lab	44.42, 16.52, -10.06
CIE LCh	44, 19.346, 328.664
Yxy	14.1309, 0.3194, 0.2794
Android (android.graphics.Color)	4286406778 (0xFF7D607A)
YUV	107.6350, 7.0819, 15.2291
Hunter-Lab	37.5911, 10.9185, -5.6860

Details

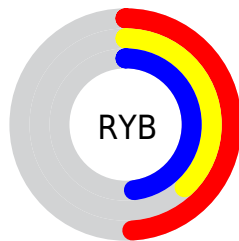
The XYZ color **16.1532, 14.1309, 20.2885** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **14.4102, 18.0553, 14.5308**, and the grayscale version is **14.1313, 14.8672, 16.1904**.

A 20% lighter version of the original color is **36.4338, 33.3884, 44.5687**, and **5.2814, 4.2142, 6.8384** is the 20% darker color. If you saturate the color by 10%, you get **15.0227, 11.9971, 19.5190**, and if you desaturate by 10%, it is **17.4670, 16.6291, 21.1246**.

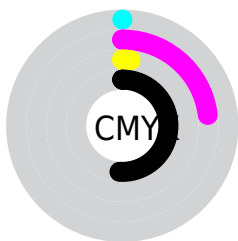
Distribution



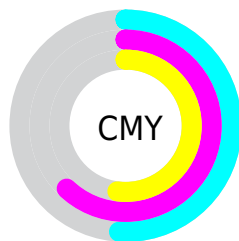
- Red (49%)
- Green (38%)
- Blue (48%)



- Red (49%)
- Yellow (38%)
- Blue (48%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (51%)



- Cyan (51%)
- Magenta (62%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1532, 14.1309, 20.2885 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 16.1532, 14.1309, 20.2885 by changing the saturation by 10% instead.

■ 16.1532, 14.1309,
20.2885

■ 16.1532, 14.1309,
20.2885

223.4967,
218.0436, 266.1284

■ 9.7242, 8.2118,
12.4188

■ 36.4193, 33.3211,
44.7657

■ 5.2773, 4.2308,
6.9036

■ 50.9870, 47.3610,
62.2102

■ 2.4473, 1.8035,
3.3243

■ 68.9983, 64.8765,
83.6834

■ 0.8688, 0.4893,
1.2625

■ 90.8187, 86.2522,
109.6038

■ 0.0000, 0.0000,
0.0308

116.8133,
111.8723, 140.3899

■ 0.0000, 0.0000,
0.0000

147.3476,

142.1214, 176.4604

182.7870,
177.3837, 218.2337

■ 16.1532, 14.1309,
20.2885

■ 16.1532, 14.1309,
20.2885

■ 15.0227, 11.9971,
19.5190

■ 17.4670, 16.6291,
21.1246

■ 14.0657, 10.2088,
18.8125

■ 18.9707, 19.5057,
22.0292

■ 13.2733, 8.7480,
18.1660

■ 20.6724, 22.7766,
23.0051

■ 12.6354, 7.5945,
17.5763

■ 22.5791, 26.4558,
24.0546

■ 12.1408, 6.7260,
17.0395

■ 24.6977, 30.5568,
25.1801

■ 11.7768, 6.1169,
16.5514

■ 27.0344, 35.0926,
26.3837

■ 11.5275, 5.7357,
16.1067

■ 29.5956, 40.0754,
27.6674

■ 11.3860, 5.5314,
15.8164

■ 32.3871, 45.5171,
29.0334

■ 35.4146, 51.4292,
30.4834

Harmonies

Analogous

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



14.9185, 14.1309, 24.2000



16.1532, 14.1309, 20.2885



16.6511, 14.1309, 15.5868

Triad

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



16.1532, 14.1309, 20.2885



13.5009, 14.1309, 8.3089



10.9721, 14.1309, 19.8752

Complementary

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



16.1532, 14.1309, 20.2885



14.4102, 18.0553, 14.5308

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.



10.6554, 14.1309, 15.1872



16.1532, 14.1309, 20.2885



12.0458, 14.1309, 9.0236

Square

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



16.1532, 14.1309, 20.2885



15.0485, 14.1309, 9.1643



11.0332, 14.1309, 11.3449



11.9338, 14.1309, 23.9308

Rectangle

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



16.1532, 14.1309, 20.2885



16.4710, 14.1309, 12.8026



11.0332, 14.1309, 11.3449



10.7901, 14.1309, 18.2957

Sweetspot

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



16.1536, 14.1315, 20.2888



32.8603, 32.8008, 38.7901



13.0199, 12.4942, 21.1277



7.4483, 7.4108, 8.8076



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.1536, 14.1315, 20.2888



27.7777, 23.1329, 35.5622



15.3264, 13.8006, 15.9326



4.4796, 4.4050, 5.3300



11.8819, 5.7724, 16.4995



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1536, 14.1315, 20.2888



27.7777, 23.1329, 35.5622



15.1613, 18.3558, 18.4856



4.4796, 4.4050, 5.3300



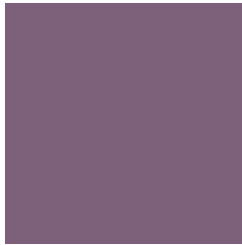
11.8819, 5.7724, 16.4995



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.1532, 14.1309, 20.2885 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 16.1532, 14.1309, 20.2885 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 16.1532, 14.1309, 20.2885

Background



This preview shows how black text looks on a background with the XYZ color 16.1532, 14.1309, 20.2885.



This preview shows how white text looks on a background with the XYZ color 16.1532, 14.1309,

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

16.1532, 14.1309, 20.2885

Protanopia

14.1021, 14.1685, 22.4136

Deuteranopia

14.4858, 14.2691, 20.0799



Tritanopia

15.2317, 14.1752, 15.5690

Trichromacy



Original Color

16.1532, 14.1309, 20.2885

Protanomaly

14.7263, 14.0649, 21.6773

Deuteranomaly

14.9478, 14.0722, 20.0175

Tritanomaly

15.6045, 14.1903, 17.2458

Monochromacy



Original Color

16.1532, 14.1309, 20.2885

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.8704, 14.6703, 17.6707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1532, 14.1309, 20.2885 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(125, 96, 122)` looks like.

```
.text, #text, p{  
    color:rgb(125, 96, 122)  
}
```

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(125, 96, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 96, 122) }
```

Border

The CSS property to change the border of an element to XYZ 16.1532, 14.1309, 20.2885 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(125, 96, 122) }
```


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

```
.border{ border-color:rgb(125, 96, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 96, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 96, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 96, 122);  
box-shadow:4px 4px 4px 4px rgb(125, 96,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1532, 14.1309, 20.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 96, 122) }
```

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

```
.background{ background-color: rgb(125, 96,  
122) }
```

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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