

Converting Colors

XYZ(14.1155, 11.6317, 18.3243)

Have a look what the booklet for
XYZ(14.1155, 11.6317, 18.3243)
contains.

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Color

**XYZ(14.1269, 11.6181,
18.3276)**

Conversions

Conversions Part 1

Format	Color
Hex	785475
RGB	120, 84, 117
RGB Percent	47%, 33%, 46%
CMY	0.5294, 0.6706, 0.5412
CMYK	0.00, 0.30, 0.02, 0.53
HSL	305°, 18%, 40%
HSV	305°, 30%, 47%
XYZ	14.1269, 11.6181, 18.3276
YIQ	98.5260, 10.8630, 17.8950

Conversions

Conversions Part 2

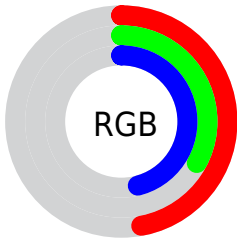
Format	Color
R_{YB}	120, 84, 117
Decimal	7885941
CIE _{Lab}	40.60, 20.88, -12.84
CIE _{LCh}	41, 24.508, 328.413
Yxy	11.6181, 0.3205, 0.2636
Android (android.graphics.Color)	4286076021 (0xFF785475)
YUV	98.5260, 9.1077, 18.8327
Hunter-Lab	34.0853, 14.3312, -8.0204

Details

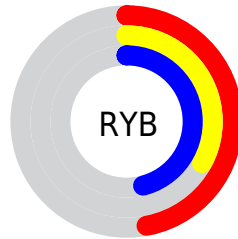
The XYZ color **14.1269, 11.6181, 18.3276** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **12.0934, 16.0061, 11.4695**, and the grayscale version is **11.7170, 12.3272, 13.4244**.

A 20% lighter version of the original color is **32.9201, 28.7990, 41.3598**, and **4.3658, 3.1555, 6.0092** is the 20% darker color. If you saturate the color by 10%, you get **13.2158, 9.8892, 17.7355**, and if you desaturate by 10%, it is **15.1990, 13.6675, 18.9767**.

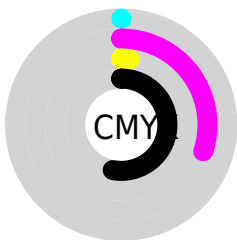
Distribution



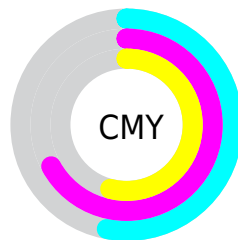
- Red (47%)
- Green (33%)
- Blue (46%)



- Red (47%)
- Yellow (33%)
- Blue (46%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1269, 11.6181, 18.3276 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 14.1269, 11.6181, 18.3276 by changing the saturation by 10% instead.

■ 14.1269, 11.6181,
18.3276

■ 14.1269, 11.6181,
18.3276

211.5137,
201.8604, 255.0090

■ 8.2913, 6.4842,
11.0136

■ 32.8984, 28.7976,
41.4162

■ 4.3353, 3.1417,
5.9617

■ 46.5650, 41.6120,
58.0279

■ 1.8935, 1.2061,
2.7534

■ 63.5726, 57.7554,
78.5758

■ 0.5731, 0.0667,
0.9701

■ 84.2866, 77.6121,
103.4786

■ 0.0000, 0.0000,
0.0000

■ 109.0724,
101.5666, 133.1548

138.2953,

130.0032, 168.0229

172.3206,
163.3063, 208.5014

■ 14.1269, 11.6181,
18.3276

■ 14.1269, 11.6181,
18.3276

■ 13.2158, 9.8892,
17.7355

■ 15.1990, 13.6675,
18.9767

■ 12.4563, 8.4630,
17.1969

■ 16.4385, 16.0508,
19.6846

■ 11.8402, 7.3222,
16.7091

■ 17.8528, 18.7829,
20.4540

■ 11.3574, 6.4473,
16.2689

■ 19.4487, 21.8770,
21.2869

■ 10.9971, 5.8164,
15.8726

■ 21.2324, 25.3458,
22.1856

■ 10.7466, 5.4038,
15.5158

■ 23.2100, 29.2012,
23.1521

■ 10.5603, 5.1190,
15.1836

■ 25.3871, 33.4549,
24.1883

■ 10.5603, 5.1189,
15.1835

■ 27.7694, 38.1177,
25.2959

■ 30.3621, 43.2002,
26.4769

Harmonies

Analogous

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



12.7030, 11.6181, 23.0205



14.1269, 11.6181, 18.3276



14.7144, 11.6181, 12.9159

Triad

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



14.1269, 11.6181, 18.3276



11.1351, 11.6181, 5.3147



8.3667, 11.6181, 17.7484

Complementary

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



14.1269, 11.6181, 18.3276



12.0934, 16.0061, 11.4695

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.



8.0390, 11.6181, 12.3880



14.1269, 11.6181, 18.3276



9.5337, 11.6181, 5.9829

Square

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



14.1269, 11.6181, 18.3276



12.8790, 11.6181, 6.1445



8.4436, 11.6181, 8.2860



9.3897, 11.6181, 22.6293

Rectangle

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



14.1269, 11.6181, 18.3276



14.5106, 11.6181, 9.8723



8.4436, 11.6181, 8.2860



8.1766, 11.6181, 15.9056

Sweetspot

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



14.1273, 11.6186, 18.3278



29.0944, 28.5815, 34.7229



10.4357, 9.6949, 19.0906



6.8279, 6.6439, 8.1916



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.1273, 11.6186, 18.3278



23.7142, 18.2823, 31.5077



13.1974, 11.2467, 13.4311



4.1408, 4.0720, 4.9390



11.5181, 5.5834, 16.5513



54.7904, 26.5725, 78.1492

Inverse Universe

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



14.1273, 11.6186, 18.3278



23.7142, 18.2823, 31.5077



12.8921, 16.3256, 15.6756



4.1408, 4.0720, 4.9390



11.5181, 5.5834, 16.5513



54.7904, 26.5725, 78.1492

Previews

White Background



This preview shows how the XYZ color 14.1269, 11.6181, 18.3276 looks on a white background.

Color Contrast Check

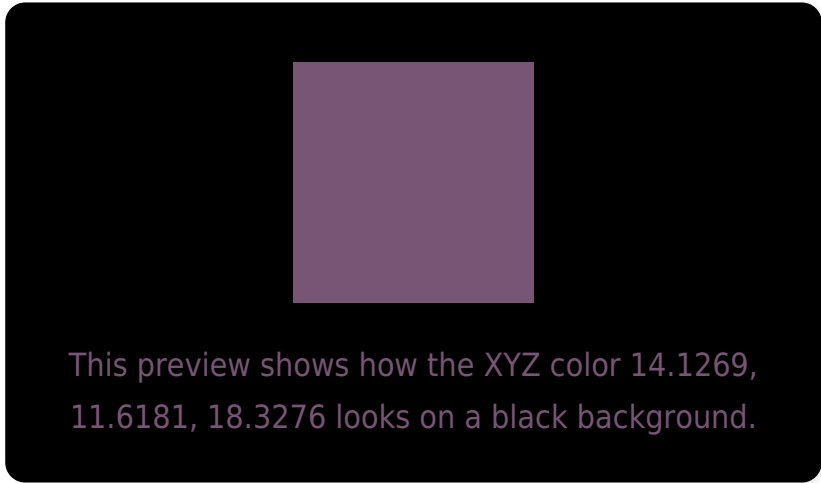
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 14.1269, 11.6181, 18.3276

Background



This preview shows how black text looks on a background with the XYZ color 14.1269, 11.6181, 18.3276.



This preview shows how white text looks on a background with the XYZ color 14.1269, 11.6181,

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

14.1269, 11.6181, 18.3276

Protanopia

11.8184, 11.7398, 21.0451

Deuteranopia

11.9211, 11.7300, 17.8555



Tritanopia

12.8914, 11.5876, 12.3836

Trichromacy



Original Color

14.1269, 11.6181, 18.3276

Protanomaly

12.5095, 11.5966, 19.9914

Deuteranomaly

12.6342, 11.5765, 18.0916

Tritanomaly

13.3276, 11.6472, 14.3777

Monochromacy



Original Color

14.1269, 11.6181, 18.3276

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.6676, 12.1718, 15.3174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1269, 11.6181, 18.3276 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(120, 84, 117)` looks like.

```
.text, #text, p{  
    color:rgb(120, 84, 117)  
}
```

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(120, 84, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 84, 117) }
```

Border

The CSS property to change the border of an element to XYZ 14.1269, 11.6181, 18.3276 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(120, 84, 117) }
```


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

```
.border{ border-color:rgb(120, 84, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 84, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 84, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 84, 117);  
box-shadow:4px 4px 4px 4px rgb(120, 84,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1269, 11.6181, 18.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 84, 117) }
```

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

```
.background{ background-color: rgb(120, 84,  
117) }
```

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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