

Converting Colors

XYZ(14.8632, 14.8748, 19.0100)

Have a look what the booklet for
XYZ(14.8632, 14.8748, 19.0100)
contains.

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Color

**XYZ(14.9205, 14.9719,
18.9331)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6A75
RGB	111, 106, 117
RGB Percent	44%, 42%, 46%
CMY	0.5647, 0.5843, 0.5412
CMYK	0.05, 0.09, 0.00, 0.54
HSL	267°, 5%, 44%
HSV	267°, 9%, 46%
XYZ	14.9205, 14.9719, 18.9331
YIQ	108.7490, -0.5510, 4.4810

Conversions

Conversions Part 2

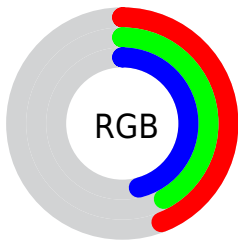
Format	Color
R_{YB}	111, 106, 117
Decimal	7301749
CIE Lab	45.60, 4.22, -5.43
CIE LCh	46, 6.881, 307.876
Yxy	14.9719, 0.3056, 0.3066
Android (android.graphics.Color)	4285491829 (0xFF6F6A75)
YUV	108.7490, 4.0677, 1.9741
Hunter-Lab	38.6935, 1.1172, -1.9257

Details

The XYZ color **14.9205, 14.9719, 18.9331** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6453, 17.2083, 16.1333**, and the grayscale version is **14.4541, 15.2068, 16.5602**.

A 20% lighter version of the original color is **34.3227, 34.7650, 42.4374**, and **4.6880, 4.6144, 6.2738** is the 20% darker color. If you saturate the color by 10%, you get **13.0217, 12.3239, 18.5223**, and if you desaturate by 10%, it is **17.0421, 17.9798, 19.4021**.

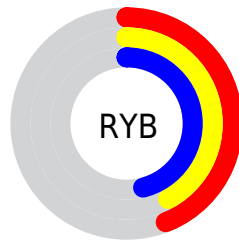
Distribution



Red (44%)

Green (42%)

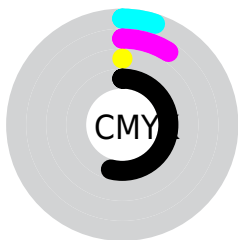
Blue (46%)



Red (44%)

Yellow (42%)

Blue (46%)

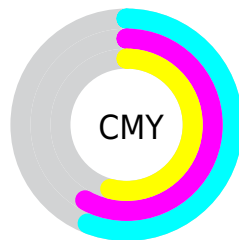


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (54%)



Cyan (56%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9205, 14.9719, 18.9331 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 14.9205, 14.9719, 18.9331 by changing the saturation by 10% instead.

■ 14.9205, 14.9719,
18.9331

■ 14.9205, 14.9719,
18.9331

216.2825,
223.1961, 258.4896

■ 8.8496, 8.7997,
11.4456

■ 34.2865, 34.8039,
42.4562

■ 4.6995, 4.6107,
6.2495

■ 48.3122, 49.2324,
59.3289

■ 2.1050, 2.0207,
2.9261

■ 65.7202, 67.1818,
80.1672

■ 0.6919, 0.6195,
1.0570

■ 86.8759, 89.0365,
105.3894

■ 0.0000, 0.0000,
0.0000

112.1446,
115.1809, 135.4142

141.8917,

145.9994, 170.6602

176.4825,
181.8763, 211.5458

■ 14.9205, 14.9719,
18.9331

■ 14.9205, 14.9719,
18.9331

■ 13.0217, 12.3239,
18.5223

■ 17.0421, 17.9798,
19.4021

■ 11.3365, 10.0201,
18.1664

■ 19.3927, 21.3588,
19.9304

■ 9.8571, 8.0463,
17.8634

■ 21.9795, 25.1219,
20.5204

■ 8.5747, 6.3866,
17.6107

■ 24.8095, 29.2810,
21.1741

■ 7.4797, 5.0239,
17.4054

■ 27.8890, 33.8474,
21.8932

■ 6.5615, 3.9393,
17.2444

■ 31.2242, 38.8319,
22.6795

■ 5.8085, 3.1115,
17.1243

■ 34.8211, 44.2450,
23.5347

■ 5.2075, 2.5161,
17.0410

■ 38.6855, 50.0968,
24.4606

■ 4.7165, 2.0718,
16.9812

■ 42.8229, 56.3969,
25.4585

Harmonies

Analogous

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



14.3825, 14.9719, 19.6464



14.9205, 14.9719, 18.9331



15.2801, 14.9719, 17.5245

Triad

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



14.9205, 14.9719, 18.9331



14.6511, 14.9719, 13.5391



13.1623, 14.9719, 16.7399

Complementary

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



14.9205, 14.9719, 18.9331



15.6453, 17.2083, 16.1333

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.



13.2298, 14.9719, 15.1374



14.9205, 14.9719, 18.9331



14.0793, 14.9719, 13.3602

Square

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



14.9205, 14.9719, 18.9331



15.1217, 14.9719, 14.4328



13.5618, 14.9719, 13.9264



13.3748, 14.9719, 18.3257

Rectangle

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



14.9205, 14.9719, 18.9331



15.3649, 14.9719, 16.4195



13.5618, 14.9719, 13.9264



13.1531, 14.9719, 16.1847

Sweetspot

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



14.9209, 14.9725, 18.9334



29.0733, 30.1398, 34.4222



14.9549, 15.9484, 19.1200



6.6220, 6.8409, 7.9004



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.9209, 14.9725, 18.9334



26.0480, 25.8692, 33.7574



15.6278, 15.3369, 18.9665



3.6440, 3.6638, 4.6054



5.1482, 2.2453, 18.7046



24.1253, 10.4456, 91.1049

Inverse Universe

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



15.4152, 15.2604, 17.4628



27.1029, 26.4837, 30.6133



14.9727, 16.8615, 16.1018



3.7597, 3.7312, 4.2614



9.0889, 4.5693, 5.6764



43.8548, 22.0920, 25.3625

Previews

White Background



This preview shows how the XYZ color 14.9205, 14.9719, 18.9331 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 14.9205, 14.9719, 18.9331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

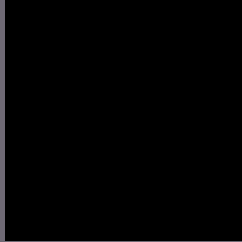
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9205, 14.9719, 18.9331

Background



This preview shows how black text looks on a background with the XYZ color 14.9205, 14.9719, 18.9331.

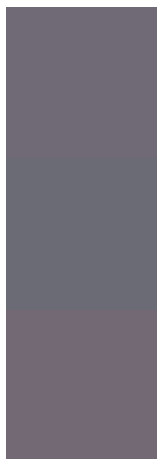


This preview shows how white text looks on a background with the XYZ color 14.9205, 14.9719,

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

14.9205, 14.9719, 18.9331

Protanopia

14.5911, 14.9492, 19.2560

Deuteranopia

15.2019, 14.9649, 18.9169



Tritanopia

14.8041, 14.9254, 18.3203

Trichromacy



Original Color

14.9205, 14.9719, 18.9331

Protanomaly

14.7121, 15.0115, 19.2616

Deuteranomaly

15.0725, 14.8982, 18.9109

Tritanomaly

14.8620, 14.9485, 18.6250

Monochromacy



Original Color

14.9205, 14.9719, 18.9331

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.7176, 15.2100, 17.4894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9205, 14.9719, 18.9331 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(111, 106, 117)` looks like.

```
.text, #text, p{  
    color:rgb(111, 106, 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(111, 106, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 106, 117) }
```

Border

The CSS property to change the border of an element to XYZ 14.9205, 14.9719, 18.9331 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(111, 106, 117) }
```


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

```
.border{ border-color:rgb(111, 106, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 106, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 106, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 106, 117);  
box-shadow:4px 4px 4px 4px rgb(111, 106,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9205, 14.9719, 18.9331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 106, 117) }
```

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

```
.background{ background-color: rgb(111,  
106, 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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