

Converting Colors

XYZ(16.2390, 14.0910, 30.2980)

Have a look what the booklet for
XYZ(16.2390, 14.0910, 30.2980)
contains.

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Color

**XYZ(16.2551, 14.0988,
30.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6195
RGB	111, 97, 149
RGB Percent	44%, 38%, 58%
CMY	0.5647, 0.6196, 0.4157
CMYK	0.26, 0.35, 0.00, 0.42
HSL	256°, 21%, 48%
HSV	256°, 35%, 58%
XYZ	16.2551, 14.0988, 30.2984
YIQ	107.1140, -8.3480, 19.1400

Conversions

Conversions Part 2

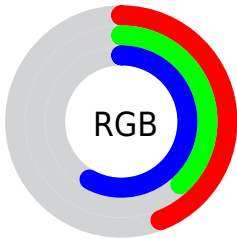
Format	Color
R _Y B	111, 97, 149
Decimal	7299477
CIE Lab	44.37, 17.30, -26.48
CIE LCh	44, 31.630, 303.163
Yxy	14.0988, 0.2680, 0.2325
Android (android.graphics.Color)	4285489557 (0xFF6F6195)
YUV	107.1140, 20.6498, 3.4080
Hunter-Lab	37.5484, 11.5650, -21.5582

Details

The XYZ color **16.2551, 14.0988, 30.2984** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.8970, 27.5091, 15.4127**, and the grayscale version is **13.9533, 14.6800, 15.9865**.

A 20% lighter version of the original color is **36.6792, 33.3841, 61.0105**, and **5.3750, 4.2736, 12.0969** is the 20% darker color. If you saturate the color by 10%, you get **13.7180, 10.9357, 29.8218**, and if you desaturate by 10%, it is **19.2188, 17.8663, 30.8696**.

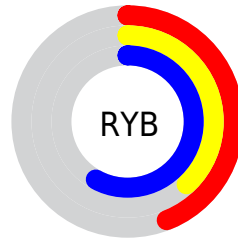
Distribution



Red (44%)

Green (38%)

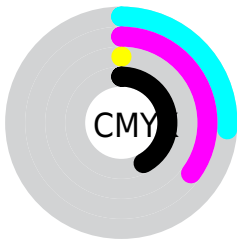
Blue (58%)



Red (44%)

Yellow (38%)

Blue (58%)

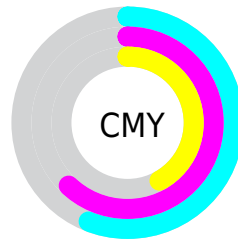


Cyan (26%)

Magenta (35%)

Yellow (0%)

Black (42%)



Cyan (56%)

Magenta (62%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2551, 14.0988, 30.2984 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 16.2551, 14.0988, 30.2984 by changing the saturation by 10% instead.

■ 16.2551, 14.0988,
30.2984

■ 16.2551, 14.0988,
30.2984

224.0833,
217.8446, 317.5434

■ 9.7968, 8.1894,
19.8112

■ 36.5944, 33.2642,
61.2003

■ 5.3257, 4.2164,
12.0752

■ 51.2061, 47.2891,
82.4522

■ 2.4763, 1.7953,
6.6717

■ 69.2664, 64.7878,
108.1293

■ 0.8833, 0.4843,
3.1824

■ 91.1406, 86.1449,
138.6503

■ 0.0000, 0.0000,
1.1885

117.1940,
111.7448, 174.4336

■ 0.0000, 0.0000,
0.0000

147.7920,

141.9717, 215.8979

183.3000,
177.2102, 263.4617

■ 16.2551, 14.0988,
30.2984

■ 16.2551, 14.0988,
30.2984

■ 13.7180, 10.9357,
29.8218

■ 19.2188, 17.8663,
30.8696

■ 11.5856, 8.3433,
29.4338

■ 22.6267, 22.2662,
31.5393

■ 9.8360, 6.2870,
29.1291

■ 26.4972, 27.3268,
32.3121

■ 8.4447, 4.7275,
28.9014

■ 30.8471, 33.0742,
33.1922

■ 7.3839, 3.6201,
28.7436

■ 35.6924, 39.5329,
34.1835

6.6194, 2.9082,
28.6465

41.0483, 46.7264,
35.2897

6.3045, 2.6234,
28.6081

46.9295, 54.6770,
36.5143

53.3500, 63.4060,
37.8608

60.3231, 72.9340,
39.3324

Harmonies

Analogous

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



13.6719, 14.0988, 33.9921



16.2551, 14.0988, 30.2984



18.2505, 14.0988, 22.5751

Triad

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



16.2551, 14.0988, 30.2984



15.7297, 14.0988, 5.9440



9.0898, 14.0988, 16.1364

Complementary

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



16.2551, 14.0988, 30.2984



22.8970, 27.5091, 15.4127

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.



9.4962, 14.0988, 9.8606



16.2551, 14.0988, 30.2984



13.1327, 14.0988, 5.1891

Square

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



16.2551, 14.0988, 30.2984



17.9212, 14.0988, 8.8980



10.9013, 14.0988, 6.3637



9.7121, 14.0988, 24.3493

Rectangle

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



16.2551, 14.0988, 30.2984



18.8611, 14.0988, 17.0781



10.9013, 14.0988, 6.3637



9.1108, 14.0988, 13.7449

Sweetspot

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



16.2556, 14.0994, 30.2987



43.6707, 43.9806, 57.1087



19.0376, 22.0769, 31.6919



9.4857, 9.4955, 12.6177



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



16.2556, 14.0994, 30.2987



25.4365, 20.6584, 53.5681



19.9946, 16.0269, 30.4737



5.6373, 5.7040, 7.2736



5.3314, 2.2210, 24.0787



0.0903, 0.0401, 0.2959

Inverse Universe

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



21.0426, 16.6886, 25.0339



35.4710, 26.0947, 42.1388



19.2286, 25.6180, 15.2410



5.9694, 5.8828, 6.9447



12.7623, 6.3100, 12.7610



0.1685, 0.0822, 0.2210

Previews

White Background



This preview shows how the XYZ color 16.2551, 14.0988, 30.2984 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 16.2551, 14.0988, 30.2984 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 16.2551, 14.0988, 30.2984

Background



This preview shows how black text looks on a background with the XYZ color 16.2551, 14.0988, 30.2984.

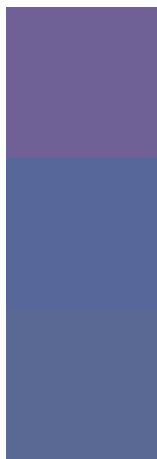


This preview shows how white text looks on a background with the XYZ color 16.2551, 14.0988,

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

16.2551, 14.0988, 30.2984

Protanopia

14.7075, 14.1083, 32.5199

Deuteranopia

14.5121, 14.2124, 29.9954



Tritanopia

13.6399, 14.0359, 17.6131

Trichromacy



Original Color

16.2551, 14.0988, 30.2984

Protanomaly

15.1450, 14.0612, 31.6216

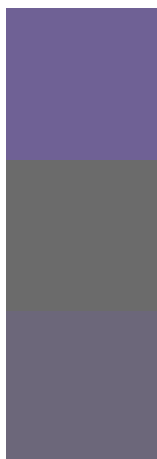
Deuteranomaly

15.0360, 14.0421, 29.9349

Tritanomaly

14.4830, 13.9395, 21.6659

Monochromacy



Original Color

16.2551, 14.0988, 30.2984

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.5474, 14.2938, 20.4046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2551, 14.0988, 30.2984 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, 97, 149)` looks like.

```
.text, #text, p{  
    color:rgb(111, 97, 149)  
}
```

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, 97, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 97, 149) }
```

Border

The CSS property to change the border of an element to XYZ 16.2551, 14.0988, 30.2984 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, 97, 149) }
```


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

```
.border{ border-color:rgb(111, 97, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 97, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 97, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 97, 149);  
box-shadow:4px 4px 4px 4px rgb(111, 97,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2551, 14.0988, 30.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 97, 149) }
```

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

```
.background{ background-color: rgb(111, 97,  
149) }
```

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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