

Converting Colors

XYZ(18.4107, 14.4992, 32.3977)

Have a look what the booklet for
XYZ(18.4107, 14.4992, 32.3977)
contains.

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Color

**XYZ(18.4123, 14.4994,
32.4001)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5C9A
RGB	127, 92, 154
RGB Percent	50%, 36%, 60%
CMY	0.5020, 0.6392, 0.3961
CMYK	0.18, 0.40, 0.00, 0.40
HSL	274°, 25%, 48%
HSV	274°, 40%, 60%
XYZ	18.4123, 14.4994, 32.4001
YIQ	109.5330, 0.9580, 26.7020

Conversions

Conversions Part 2

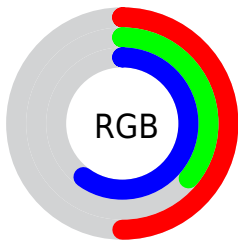
Format	Color
RYB	127, 92, 154
Decimal	8346778
CIELab	44.94, 26.63, -28.45
CIELCh	45, 38.973, 313.106
Yxy	14.4994, 0.2819, 0.2220
Android (android.graphics.Color)	4286536858 (0xFF7F5C9A)
YUV	109.5330, 21.9222, 15.3186
Hunter-Lab	38.0781, 19.6754, -23.7944

Details

The XYZ color **18.4123, 14.4994, 32.4001** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.0955, 27.8062, 14.3811**, and the grayscale version is **14.6271, 15.3889, 16.7585**.

A 20% lighter version of the original color is **40.3871, 34.0721, 64.7695**, and **6.3671, 4.3925, 13.3442** is the 20% darker color. If you saturate the color by 10%, you get **16.2457, 11.5996, 31.9548**, and if you desaturate by 10%, it is **20.9176, 17.9770, 32.9395**.

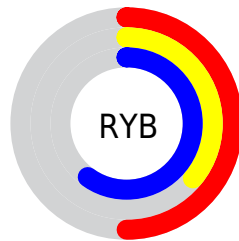
Distribution



Red (50%)

Green (36%)

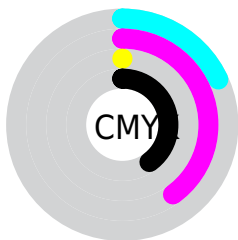
Blue (60%)



Red (50%)

Yellow (36%)

Blue (60%)

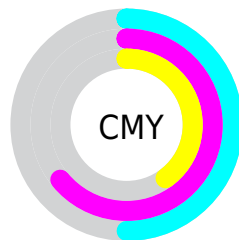


Cyan (18%)

Magenta (40%)

Yellow (0%)

Black (40%)



Cyan (50%)

Magenta (64%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4123, 14.4994, 32.4001 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 18.4123, 14.4994, 32.4001 by changing the saturation by 10% instead.

■ 18.4123, 14.4994,
32.4001

■ 18.4123, 14.4994,
32.4001

236.1857,
220.3159, 327.4865

■ 11.3479, 8.4688,
21.3999

■ 40.2632, 33.9726,
64.5430

■ 6.3703, 4.3964,
13.2226

■ 55.7804, 48.1839,
86.5228

■ 3.1143, 1.8977,
7.4495

■ 74.8460, 65.8910,
112.9995

■ 1.2145, 0.5470,
3.6621

■ 97.8252, 87.4782,
144.3918

■ 0.1178, 0.0000,
1.4418

125.0834,
113.3299, 181.1180

■ 0.0000, 0.0000,
0.1740

156.9860,

■ 0.0000, 0.0000,

143.8304, 223.5969

0.0000

193.8983,
179.3643, 272.2469

■ 18.4123, 14.4994,
32.4001

■ 18.4123, 14.4994,
32.4001

■ 16.2457, 11.5996,
31.9548

■ 20.9176, 17.9770,
32.9395

■ 14.3984, 9.2422,
31.5971

■ 23.7765, 22.0616,
33.5773

■ 12.8514, 7.3902,
31.3212

■ 27.0047, 26.7825,
34.3183

■ 11.5824, 6.0015,
31.1201

■ 30.6165, 32.1665,
35.1672

■ 10.5656, 5.0266,
30.9855

■ 34.6254, 38.2388,
36.1280

■ 9.7574, 4.3563,
30.8987

■ 39.0442, 45.0233,
37.2046

■ 43.8851, 52.5429,
38.4009

■ 49.1597, 60.8192,
39.7204

■ 54.8792, 69.8731,
41.1665

Harmonies

Analogous

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



15.2195, 14.4994, 39.8227



18.4123, 14.4994, 32.4001



20.5233, 14.4994, 21.4626

Triad

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



18.4123, 14.4994, 32.4001



15.6418, 14.4994, 4.2381



8.6287, 14.4994, 20.1153

Complementary

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



18.4123, 14.4994, 32.4001



21.0955, 27.8062, 14.3811

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.



8.7057, 14.4994, 11.2127



18.4123, 14.4994, 32.4001



12.4366, 14.4994, 4.1142

Square

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



18.4123, 14.4994, 32.4001



18.7623, 14.4994, 6.5684



10.0002, 14.4994, 6.1213



9.7704, 14.4994, 31.0920

Rectangle

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



18.4123, 14.4994, 32.4001



20.8585, 14.4994, 14.8545



10.0002, 14.4994, 6.1213



8.5188, 14.4994, 16.7585

Sweetspot

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



18.4128, 14.5000, 32.4004



47.8388, 46.8580, 62.0594



16.9513, 18.0178, 33.1565



10.6660, 10.3678, 14.0094



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.4128, 14.5000, 32.4004



29.9880, 21.6972, 58.1437



22.7317, 16.7559, 31.2720



6.2013, 6.1897, 7.7969



7.9911, 3.5706, 25.1757



0.1611, 0.0749, 0.3783

Inverse Universe

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



20.4837, 15.8567, 19.4342



34.4908, 24.6354, 30.4846



18.0398, 26.2149, 14.9601



6.3149, 6.2651, 7.0384



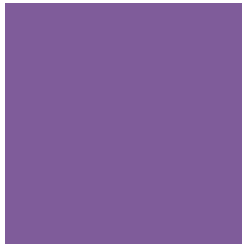
11.7017, 5.9349, 4.9544



0.1927, 0.0958, 0.1678

Previews

White Background



This preview shows how the XYZ color 18.4123, 14.4994, 32.4001 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 18.4123, 14.4994, 32.4001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

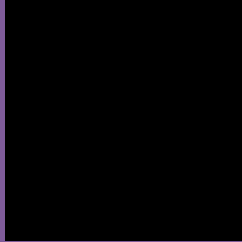
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4123, 14.4994, 32.4001

Background



This preview shows how black text looks on a background with the XYZ color 18.4123, 14.4994, 32.4001.



This preview shows how white text looks on a background with the XYZ color 18.4123, 14.4994,

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

18.4123, 14.4994, 32.4001

Protanopia

15.5894, 14.7511, 37.6229

Deuteranopia

14.8539, 14.5112, 31.2962



Tritanopia

15.2574, 14.5999, 16.4819

Trichromacy



Original Color

18.4123, 14.4994, 32.4001

Protanomaly

16.2457, 14.3969, 35.6408

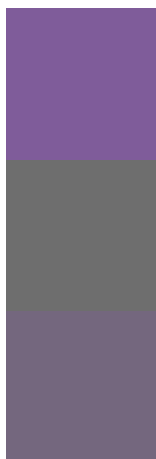
Deuteranomaly

15.8182, 14.2649, 31.6255

Tritanomaly

16.2377, 14.4270, 21.3309

Monochromacy



Original Color

18.4123, 14.4994, 32.4001

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.8186, 14.9199, 21.7848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4123, 14.4994, 32.4001 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(127, 92, 154)` looks like.

```
.text, #text, p{  
    color:rgb(127, 92, 154)  
}
```

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(127, 92, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 92, 154) }
```

Border

The CSS property to change the border of an element to XYZ 18.4123, 14.4994, 32.4001 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(127, 92, 154) }
```


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

```
.border{ border-color:rgb(127, 92, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 92, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 92, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 92, 154);  
box-shadow:4px 4px 4px 4px rgb(127, 92,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4123, 14.4994, 32.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 92, 154) }
```

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

```
.background{ background-color: rgb(127, 92,  
154) }
```

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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