

Converting Colors

XYZ(14.6756, 19.7207, 1.9823)

Have a look what the booklet for
XYZ(14.6756, 19.7207, 1.9823)
contains.

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Color

**XYZ(14.7984, 19.6773,
3.0181)**

Conversions

Conversions Part 1

Format	Color
Hex	708300
RGB	112, 131, 0
RGB Percent	44%, 51%, 0%
CMY	0.5608, 0.4863, 1.0000
CMYK	0.15, 0.00, 1.00, 0.49
HSL	69°, 100%, 26%
HSV	69°, 100%, 51%
XYZ	14.7984, 19.6773, 3.0181
YIQ	110.3850, 30.7270, -44.7690

Conversions

Conversions Part 2

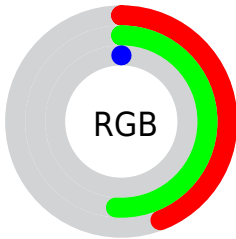
Format	Color
RYB	0, 131, 19
Decimal	7373568
CIELab	51.47, -21.84, 55.80
CIELCh	51, 59.921, 111.371
Yxy	19.6773, 0.3947, 0.5248
Android (android.graphics.Color)	4285563648 (0xFF708300)
YUV	110.3850, -54.4198, 1.4164
Hunter-Lab	44.3591, -18.0800, 27.0174

Details

The XYZ color **14.7984, 19.6773, 3.0181** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.3658, 1.7775, 21.5868**, and the grayscale version is **15.0781, 15.8634, 17.2752**.

A 20% lighter version of the original color is **34.0602, 42.8898, 11.6377**, and **4.8808, 6.9952, 1.0930** is the 20% darker color. If you saturate the color by 10%, you get **14.7987, 19.6781, 3.0183**, and if you desaturate by 10%, it is **15.1165, 19.8335, 3.4160**.

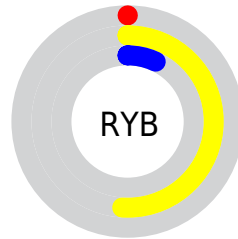
Distribution



Red (44%)

Green (51%)

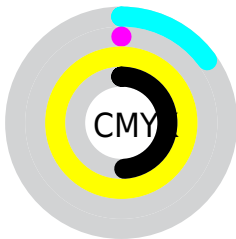
Blue (0%)



Red (0%)

Yellow (51%)

Blue (7%)

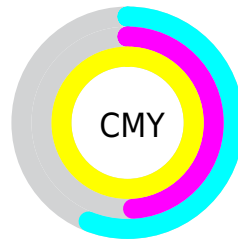


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (56%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7984, 19.6773, 3.0181 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 14.7984, 19.6773, 3.0181 by changing the saturation by 10% instead.

■ 14.7984, 19.6773,
3.0181

■ 14.7984, 19.6773,
3.0181

215.5554,
250.1628, 136.5908

■ 8.7634, 12.1607,
1.1039

■ 34.0737, 42.8755,
11.6731

■ 4.6431, 6.8532,
0.0000

■ 48.0447, 59.3259,
19.2509

■ 2.0720, 3.3705,
0.0000

■ 65.3918, 79.5229,
29.5537

■ 0.6739, 1.3281,
0.0000

■ 86.4803, 103.8511,
43.0000


■ 0.0000, 0.1628,
0.0000


■ 111.6755,
132.6948, 60.0083


■ 0.0000, 0.0000,
0.0000


■ 141.3429,


166.4384, 80.9972


 175.8477,
205.4662, 106.3852


 14.7984, 19.6773,
3.0181


 14.7984, 19.6773,
3.0181


 14.7987, 19.6781,
3.0183

 15.1165, 19.8335,
3.4160

 15.4815, 20.0083,
4.0356

 15.9188, 20.2126,
5.0088

 16.4364, 20.4497,
6.3782

 17.0414, 20.7223,
8.1804

■ 17.7399, 21.0330,
10.4476

■ 18.5376, 21.3839,
13.2093

■ 19.4395, 21.7771,
16.4923

■ 20.4505, 22.2146,
20.3217

Harmonies

Analogous

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



20.4914, 19.6773, 2.5320



14.7984, 19.6773, 3.0181



11.0473, 19.6773, 6.6904

Triad

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



14.7984, 19.6773, 3.0181



12.3742, 19.6773, 59.0932



32.6187, 19.6773, 26.7866

Complementary

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



14.7984, 19.6773, 3.0181



4.3658, 1.7775, 21.5868

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.



29.2654, 19.6773, 49.4528



14.7984, 19.6773, 3.0181



17.0212, 19.6773, 73.6588

Square

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



14.7984, 19.6773, 3.0181



9.8706, 19.6773, 35.8963



23.2395, 19.6773, 69.4113



31.6660, 19.6773, 11.4834

Rectangle

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



14.7984, 19.6773, 3.0181



9.7476, 19.6773, 12.4938



23.2395, 19.6773, 69.4113



31.9355, 19.6773, 33.8372

Sweetspot

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



14.7988, 19.6782, 3.0185



33.0895, 38.2458, 23.2789



9.5685, 5.2413, 0.5076



7.5800, 8.8500, 4.9848



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.7988, 19.6782, 3.0185



26.4003, 35.1862, 5.4002



9.3375, 16.8628, 2.7629



4.9751, 5.3897, 5.0075



14.5680, 19.3700, 2.9710



0.0550, 0.0694, 0.0105

Inverse Universe

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



4.3658, 1.7775, 21.5868



7.7320, 3.1385, 38.6514



7.6618, 3.4766, 21.7411



4.4927, 4.5746, 5.8469



4.2986, 1.7502, 21.2479



0.0186, 0.0080, 0.0738

Previews

White Background



This preview shows how the XYZ color 14.7984, 19.6773, 3.0181 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

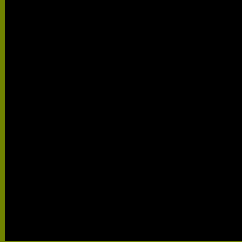
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.7984, 19.6773, 3.0181

Background



This preview shows how black text looks on a background with the XYZ color 14.7984, 19.6773, 3.0181.



This preview shows how white text looks on a background with the XYZ color 14.7984, 19.6773,

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

14.7984, 19.6773, 3.0181

Protanopia

17.5642, 19.5692, 2.8515

Deuteranopia

19.9176, 19.5212, 3.5288



Tritanopia

19.0823, 19.6953, 24.2686

Trichromacy



Original Color

14.7984, 19.6773, 3.0181

Protanomaly

16.5141, 19.5888, 2.9106

Deuteranomaly

17.5711, 19.1982, 3.2315

Tritanomaly

16.3662, 19.1433, 11.0161

Monochromacy



Original Color

14.7984, 19.6773, 3.0181

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.1395, 16.7786, 8.2877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7984, 19.6773, 3.0181 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(112, 131, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 131, 0)  
}
```

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(112, 131, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 131, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.7984, 19.6773, 3.0181 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(112, 131, 0) }
```


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

```
.border{ border-color:rgb(112, 131, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 131, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 131, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 131, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 131,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7984, 19.6773, 3.0181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 131, 0) }
```

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

```
.background{ background-color: rgb(112,  
131, 0) }
```

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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