

Converting Colors

XYZ(14.9289, 16.9403, 21.8683)

Have a look what the booklet for
XYZ(14.9289, 16.9403, 21.8683)
contains.

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Color

**XYZ(14.8994, 16.8704,
21.8731)**

Conversions

Conversions Part 1

Format	Color
Hex	5F767D
RGB	95, 118, 125
RGB Percent	37%, 46%, 49%
CMY	0.6274, 0.5372, 0.5098
CMYK	0.24, 0.06, 0.00, 0.51
HSL	194°, 14%, 43%
HSV	194°, 24%, 49%
XYZ	14.8994, 16.8704, 21.8731
YIQ	111.9210, -15.9550, -2.6990

Conversions

Conversions Part 2

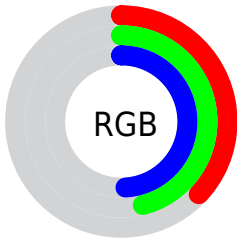
Format	Color
R_{YB}	95, 108, 125
Decimal	6256253
CIE Lab	48.10, -6.68, -6.62
CIE LCh	48, 9.407, 224.746
Yxy	16.8704, 0.2778, 0.3145
Android (android.graphics.Color)	4284446333 (0xFF5F767D)
YUV	111.9210, 6.4479, -14.8397
Hunter-Lab	41.0736, -7.1281, -2.8224

Details

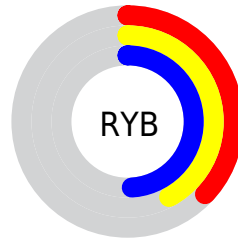
The XYZ color **14.8994, 16.8704, 21.8731** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2746, 14.6890, 12.8570**, and the grayscale version is **15.3634, 16.1634, 17.6020**.

A 20% lighter version of the original color is **34.2647, 38.0748, 47.6627**, and **4.7136, 5.5305, 7.6565** is the 20% darker color. If you saturate the color by 10%, you get **13.3657, 15.5782, 21.7048**, and if you desaturate by 10%, it is **16.6531, 18.2926, 22.0555**.

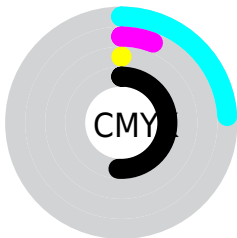
Distribution



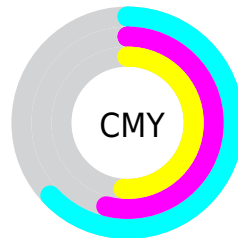
- Red (37%)
- Green (46%)
- Blue (49%)



- Red (37%)
- Yellow (42%)
- Blue (49%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (63%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8994, 16.8704, 21.8731 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 14.8994, 16.8704, 21.8731 by changing the saturation by 10% instead.

■ 14.8994, 16.8704,
21.8731

■ 14.8994, 16.8704,
21.8731

216.1570,
234.4244, 274.8147

■ 8.8347, 10.1421,
13.5663

■ 34.2497, 38.1028,
47.4357

■ 4.6897, 5.4933,
7.6843

■ 48.2660, 53.3757,
65.5285

■ 2.0993, 2.5395,
3.8088

■ 65.6635, 72.2657,
87.7204

■ 0.6888, 0.8964,
1.5210

■ 86.8076, 95.1571,
114.4298

■ 0.0000, 0.0000,
0.2335

112.0637,
122.4342, 146.0755

■ 0.0000, 0.0000,
0.0000

141.7970,

154.4816, 183.0758

176.3730,
191.6835, 225.8494

■ 14.8994, 16.8704,
21.8731

■ 14.8994, 16.8704,
21.8731

■ 13.3657, 15.5782,
21.7048

■ 16.6531, 18.2926,
22.0555

■ 12.0406, 14.4087,
21.5489

■ 18.6346, 19.8478,
22.2512

■ 10.9136, 13.3569,
21.4053

■ 20.8533, 21.5412,
22.4611

■ 9.9729, 12.4164,
21.2733

■ 23.3175, 23.3774,
22.6857

■ 9.2054, 11.5804,
21.1524

■ 26.0350, 25.3605,
22.9252

■ 8.5961, 10.8410,
21.0418

■ 29.0135, 27.4945,
23.1801

■ 8.1250, 10.1878,
20.9406

■ 32.2601, 29.7834,
23.4508

■ 7.8700, 9.8172,
20.8825

■ 35.7818, 32.2307,
23.7376

■ 39.5852, 34.8402,
24.0408

Harmonies

Analogous

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



14.5024, 16.8704, 19.5891



14.8994, 16.8704, 21.8731



15.6077, 16.8704, 23.2765

Triad

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



14.8994, 16.8704, 21.8731



17.6675, 16.8704, 19.6310



15.6215, 16.8704, 14.1958

Complementary

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



14.8994, 16.8704, 21.8731



15.2746, 14.6890, 12.8570

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.



16.4696, 16.8704, 14.2048



14.8994, 16.8704, 21.8731



17.6715, 16.8704, 17.2007

Square

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



14.8994, 16.8704, 21.8731



17.2157, 16.8704, 21.9061



17.2265, 16.8704, 15.2607



14.9092, 16.8704, 15.2347

Rectangle

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



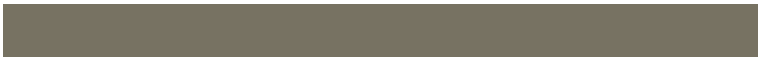
14.8994, 16.8704, 21.8731



16.1707, 16.8704, 23.4516



17.2265, 16.8704, 15.2607



15.8997, 16.8704, 14.0795

Sweetspot

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



14.8999, 16.8711, 21.8735



32.1995, 34.6328, 39.7321



14.4268, 18.0499, 15.1647



7.2894, 7.8505, 9.0342



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.8999, 16.8711, 21.8735



25.0683, 28.8638, 38.9944



13.3214, 13.7142, 21.3473



4.3641, 4.7221, 5.4947



8.2083, 10.2351, 21.7929



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.8201, 13.8528, 18.9803



27.0564, 22.5412, 32.6989



16.8265, 17.7929, 13.3743



4.4566, 4.3958, 5.2089



11.0201, 5.4277, 11.9617



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8994, 16.8704, 21.8731 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 14.8994, 16.8704, 21.8731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

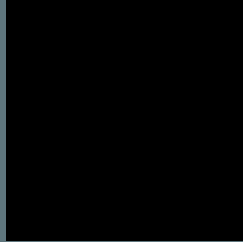
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8994, 16.8704, 21.8731

Background



This preview shows how black text looks on a background with the XYZ color 14.8994, 16.8704, 21.8731.



This preview shows how white text looks on a background with the XYZ color 14.8994, 16.8704,

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

14.8994, 16.8704, 21.8731

Protanopia

16.3574, 16.7928, 20.7916

Deuteranopia

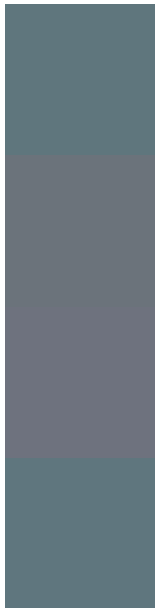
17.0581, 16.7972, 22.0818



Tritanopia

15.0285, 16.9221, 22.5529

Trichromacy



Original Color

14.8994, 16.8704, 21.8731

Protanomaly

15.7693, 16.8173, 21.1538

Deuteranomaly

16.2136, 16.8560, 22.1376

Tritanomaly

14.9636, 16.8961, 22.2113

Monochromacy



Original Color

14.8994, 16.8704, 21.8731

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1721, 16.3832, 19.1922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8994, 16.8704, 21.8731 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(95, 118, 125) looks like.

```
.text, #text, p{  
    color:rgb(95, 118, 125)  
}
```

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(95, 118, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 118, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.8994, 16.8704, 21.8731 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(95, 118, 125) }
```


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

```
.border{ border-color:rgb(95, 118, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 118, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 118, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 118, 125);  
box-shadow:4px 4px 4px 4px rgb(95, 118,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8994, 16.8704, 21.8731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 118, 125) }
```

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

```
.background{ background-color: rgb(95, 118,  
125) }
```

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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