

Converting Colors

XYZ(15.0036, 19.4515, 19.2975)

Have a look what the booklet for
XYZ(15.0036, 19.4515, 19.2975)
contains.

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Color

**XYZ(14.9571, 19.4017,
19.1762)**

Conversions

Conversions Part 1

Format	Color
Hex	558373
RGB	85, 131, 115
RGB Percent	33%, 51%, 45%
CMY	0.6667, 0.4863, 0.5490
CMYK	0.35, 0.00, 0.12, 0.49
HSL	159°, 21%, 42%
HSV	159°, 35%, 51%
XYZ	14.9571, 19.4017, 19.1762
YIQ	115.4220, -22.2800, -14.7280

Conversions

Conversions Part 2

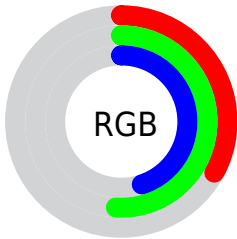
Format	Color
RYB	85, 113, 131
Decimal	5604211
CIELab	51.15, -19.51, 3.68
CIElCh	51, 19.856, 169.331
Yxy	19.4017, 0.2794, 0.3624
Android (android.graphics.Color)	4283794291 (0xFF558373)
YUV	115.4220, -0.2080, -26.6801
Hunter-Lab	44.0474, -16.4699, 5.0210

Details

The XYZ color **14.9571, 19.4017, 19.1762** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.9582, 12.2623, 13.8912**, and the grayscale version is **16.4298, 17.2854, 18.8238**.

A 20% lighter version of the original color is **34.2689, 42.3052, 42.9188**, and **4.6831, 6.6652, 6.3499** is the 20% darker color. If you saturate the color by 10%, you get **13.6205, 18.7427, 17.7787**, and if you desaturate by 10%, it is **16.5280, 20.1810, 20.6531**.

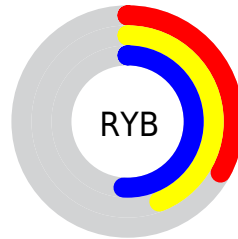
Distribution



Red (33%)

Green (51%)

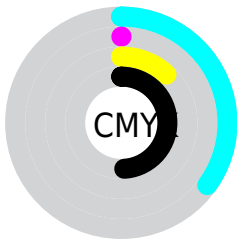
Blue (45%)



Red (33%)

Yellow (44%)

Blue (51%)

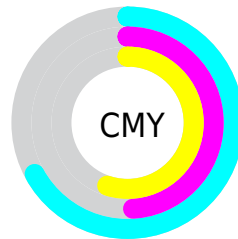


Cyan (35%)

Magenta (0%)

Yellow (12%)

Black (49%)



Cyan (67%)

Magenta (49%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9571, 19.4017, 19.1762 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 14.9571, 19.4017, 19.1762 by changing the saturation by 10% instead.

■ 14.9571, 19.4017,
19.1762

■ 14.9571, 19.4017,
19.1762

216.4999,
248.6575, 259.8748

■ 8.8754, 11.9609,
11.6196

■ 34.3502, 42.4118,
42.8723

■ 4.7165, 6.7171,
6.3658

■ 48.3923, 58.7499,
59.8488

■ 2.1149, 3.2858,
2.9964

■ 65.8185, 78.8225,
80.8024

■ 0.6973, 1.2827,
1.0928

■ 86.9943, 103.0140,
106.1515

■ 0.0000, 0.1277,
0.0000

■ 112.2850,
131.7089, 136.3148

■ 0.0000, 0.0000,
0.0000

142.0559,

165.2915, 171.7108

176.6725,
204.1462, 212.7579

■ 14.9571, 19.4017,
19.1762

■ 14.9571, 19.4017,
19.1762

■ 13.6205, 18.7427,
17.7787

■ 16.5280, 20.1810,
20.6531

■ 12.5041, 18.1953,
16.4579

■ 18.3430, 21.0841,
22.2097

■ 11.5951, 17.7533,
15.2125

■ 20.4132, 22.1172,
23.8478

■ 10.8782, 17.4089,
14.0408

■ 22.7487, 23.2855,
25.5688

■ 10.3363, 17.1533,
12.9410

■ 25.3590, 24.5939,
27.3740

■ 9.9441, 16.9736,
11.9108

■ 28.2529, 26.0469,
29.2648

■ 9.7736, 16.8961,
11.4310

■ 31.4391, 27.6490,
31.2423

■ 34.9258, 29.4044,
33.3078

■ 38.7209, 31.3171,
35.4625

Harmonies

Analogous

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



15.7095, 19.4017, 14.8043



14.9571, 19.4017, 19.1762



15.0865, 19.4017, 24.9310

Triad

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



14.9571, 19.4017, 19.1762



19.7257, 19.4017, 33.1302



21.0261, 19.4017, 13.9073

Complementary

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



14.9571, 19.4017, 19.1762



14.9582, 12.2623, 13.8912

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.



22.2586, 19.4017, 17.7278



14.9571, 19.4017, 19.1762



21.4716, 19.4017, 29.0292

Square

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



14.9571, 19.4017, 19.1762



17.7470, 19.4017, 33.7070



22.4272, 19.4017, 23.2019



19.1523, 19.4017, 12.1434

Rectangle

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



14.9571, 19.4017, 19.1762



15.6583, 19.4017, 28.7895



22.4272, 19.4017, 23.2019



21.5347, 19.4017, 14.9583

Sweetspot

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



14.9576, 19.4025, 19.1766



34.2232, 38.4417, 40.8864



15.1346, 19.6618, 11.5920



7.8721, 8.9023, 9.4424



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.



14.9576, 19.4025, 19.1766



24.8700, 33.7989, 32.3620



15.0638, 18.0111, 24.1562



4.7346, 5.2521, 5.6138



9.6215, 16.6315, 11.2583



0.0368, 0.0590, 0.0572

Inverse Universe

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



14.9582, 12.2623, 13.8912



24.8741, 19.0390, 21.4505



14.8188, 13.1186, 10.3457



4.7345, 4.7135, 5.2143



9.6918, 4.9411, 2.9496



0.0368, 0.0184, 0.0271

Previews

White Background



This preview shows how the XYZ color 14.9571, 19.4017, 19.1762 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



This preview shows how the XYZ color 14.9571, 19.4017, 19.1762 looks on a 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 14.9571, 19.4017, 19.1762

Background



This preview shows how black text looks on a background with the XYZ color 14.9571, 19.4017, 19.1762.

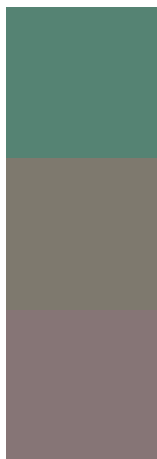


This preview shows how white text looks on a background with the XYZ color 14.9571, 19.4017,

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

14.9571, 19.4017, 19.1762

Protanopia

18.2560, 19.2362, 17.5026

Deuteranopia

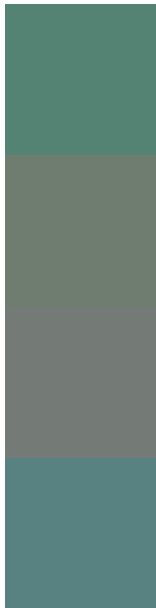
19.4628, 19.0989, 19.8002



Tritanopia

16.5231, 19.4470, 26.9275

Trichromacy



Original Color

14.9571, 19.4017, 19.1762

Protanomaly

16.8138, 19.2166, 18.1522

Deuteranomaly

17.3729, 18.9164, 19.5652

Tritanomaly

15.9040, 19.3869, 24.0229

Monochromacy



Original Color

14.9571, 19.4017, 19.1762

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.6408, 17.8556, 18.8418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9571, 19.4017, 19.1762 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(85, 131, 115) looks like.

```
.text, #text, p{  
    color:rgb(85, 131, 115)  
}
```

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(85, 131, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 131, 115) }
```

Border

The CSS property to change the border of an element to XYZ 14.9571, 19.4017, 19.1762 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(85, 131, 115) }
```


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

```
.border{ border-color:rgb(85, 131, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 131, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 131, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 131, 115);  
box-shadow:4px 4px 4px 4px rgb(85, 131,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9571, 19.4017, 19.1762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 131, 115) }
```

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

```
.background{ background-color: rgb(85, 131,  
115) }
```

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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