

Converting Colors

XYZ(14.6476, 19.8622, 18.6846)

Have a look what the booklet for
XYZ(14.6476, 19.8622, 18.6846)
contains.

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Color

**XYZ(14.6476, 19.8622,
18.6846)**

Conversions

Conversions Part 1

Format	Color
Hex	4E8671
RGB	78, 134, 113
RGB Percent	31%, 53%, 44%
CMY	0.6941, 0.4745, 0.5569
CMYK	0.42, 0.00, 0.16, 0.47
HSL	157°, 26%, 42%
HSV	157°, 42%, 53%
XYZ	14.6476, 19.8622, 18.6846
YIQ	114.8620, -26.6350, -18.4030

Conversions

Conversions Part 2

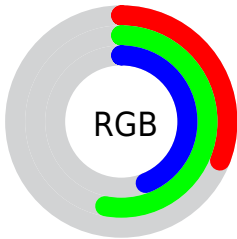
Format	Color
R_{YB}	78, 112, 134
Decimal	5146225
CIE _{Lab}	51.68, -23.66, 5.55
CIE _{LCh}	52, 24.303, 166.796
Yxy	19.8622, 0.2754, 0.3734
Android (android.graphics.Color)	4283336305 (0xFF4E8671)
YUV	114.8620, -0.9180, -32.3280
Hunter-Lab	44.5670, -19.3257, 6.3398

Details

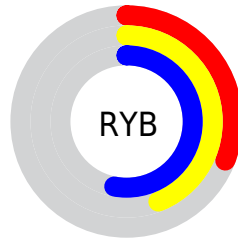
The XYZ color **14.6476, 19.8622, 18.6846** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.8087, 11.4184, 13.2285**, and the grayscale version is **16.2628, 17.1097, 18.6325**.

A 20% lighter version of the original color is **33.9807, 43.4289, 42.1890**, and **4.5765, 6.9553, 6.1023** is the 20% darker color. If you saturate the color by 10%, you get **13.3846, 19.2434, 17.1895**, and if you desaturate by 10%, it is **16.1511, 20.6042, 20.2736**.

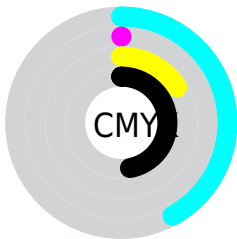
Distribution



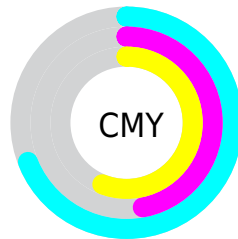
- Red (31%)
- Green (53%)
- Blue (44%)



- Red (31%)
- Yellow (44%)
- Blue (53%)



- Cyan (42%)
- Magenta (0%)
- Yellow (16%)
- Black (47%)



- Cyan (69%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6476, 19.8622, 18.6846 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 14.6476, 19.8622, 18.6846 by changing the saturation by 10% instead.

■ 14.6476, 19.8622,
18.6846

■ 14.6476, 19.8622,
18.6846

214.6541,
251.1681, 257.0664

■ 8.6571, 12.2949,
11.2681

■ 33.8105, 43.1860,
42.0300

■ 4.5735, 6.9449,
6.1310

■ 47.7137, 59.7114,
58.7961

■ 2.0314, 3.4276,
2.8548

■ 64.9852, 79.9915,
79.5157

■ 0.6515, 1.3589,
1.0210

■ 85.9903, 104.4109,
104.6074

■ 0.0000, 0.1861,
0.0000

■ 111.0944,
133.3538, 134.4898

■ 0.0000, 0.0000,
0.0000

140.6628,

167.2047, 169.5814

175.0609,
206.3481, 210.3008

■ 14.6476, 19.8622,
18.6846

■ 14.6476, 19.8622,
18.6846

■ 13.3846, 19.2434,
17.1895

■ 16.1511, 20.6042,
20.2736

■ 12.3465, 18.7383,
15.7851

■ 17.9063, 21.4736,
21.9570

■ 11.5185, 18.3397,
14.4696


■ 19.9255, 22.4772,
23.7371


■ 10.8831, 18.0387,
13.2409


■ 22.2198, 23.6208,
25.6156


■ 10.4198, 17.8246,
12.0966


■ 24.7996, 24.9096,
27.5943

 10.1159, 17.6872,
11.2170

 27.6749, 26.3488,
29.6747

 30.8549, 27.9431,
31.8584

 34.3487, 29.6972,
34.1471

 38.1649, 31.6154,
36.5421

Harmonies

Analogous

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



15.6440, 19.8622, 13.6324



14.6476, 19.8622, 18.6846



14.7123, 19.8622, 25.7707

Triad

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



14.6476, 19.8622, 18.6846



20.2748, 19.8622, 37.3127



22.2961, 19.8622, 13.1969

Complementary

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



14.6476, 19.8622, 18.6846



14.8087, 11.4184, 13.2285

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.



23.7650, 19.8622, 17.9524



14.6476, 19.8622, 18.6846



22.5305, 19.8622, 32.2585

Square

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



14.6476, 19.8622, 18.6846



17.8211, 19.8622, 37.6289



23.8543, 19.8622, 24.8622



19.9768, 19.8622, 10.9587

Rectangle

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



14.6476, 19.8622, 18.6846



15.3468, 19.8622, 30.7713



23.8543, 19.8622, 24.8622



22.9141, 19.8622, 14.5009

Sweetspot

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



14.6482, 19.8630, 18.6851



34.5432, 39.3212, 41.3409



15.0976, 20.2802, 10.3266



7.6225, 8.7792, 9.1756



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.



14.6482, 19.8630, 18.6851



23.7222, 33.9723, 30.4619



15.0954, 18.6413, 25.3578



4.7295, 5.2500, 5.5868



9.4850, 16.5768, 10.5393



0.0364, 0.0588, 0.0552

Inverse Universe

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



14.8087, 11.4184, 13.2285



24.0488, 17.0349, 19.5407



14.4191, 12.0426, 8.7724



4.7395, 4.7155, 5.2403



9.7631, 4.9696, 3.3251



0.0372, 0.0186, 0.0291

Previews

White Background



This preview shows how the XYZ color 14.6476, 19.8622, 18.6846 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 14.6476, 19.8622, 18.6846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

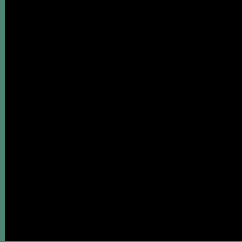
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.6476, 19.8622, 18.6846

Background



This preview shows how black text looks on a background with the XYZ color 14.6476, 19.8622, 18.6846.

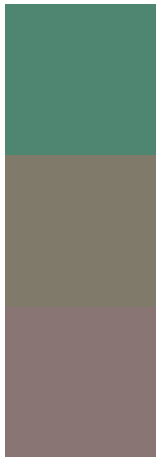


This preview shows how white text looks on a background with the XYZ color 14.6476, 19.8622,

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

14.6476, 19.8622, 18.6846

Protanopia

18.5155, 19.5698, 16.7114

Deuteranopia

19.9473, 19.5362, 19.2425



Tritanopia

16.5367, 19.8196, 28.1533

Trichromacy



Original Color

14.6476, 19.8622, 18.6846

Protanomaly

16.6516, 19.3408, 17.3235

Deuteranomaly

17.5046, 19.3661, 19.0351

Tritanomaly

15.6927, 19.6651, 24.4414

Monochromacy



Original Color

14.6476, 19.8622, 18.6846

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.4763, 17.9588, 18.5703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6476, 19.8622, 18.6846 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(78, 134, 113)` looks like.

```
.text, #text, p{  
  color:rgb(78, 134, 113)  
}
```

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(78, 134, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 134, 113) }
```

Border

The CSS property to change the border of an element to XYZ 14.6476, 19.8622, 18.6846 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(78, 134, 113) }
```


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

```
.border{ border-color:rgb(78, 134, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 134, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 134, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 134, 113);  
box-shadow:4px 4px 4px 4px rgb(78, 134,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6476, 19.8622, 18.6846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 134, 113) }
```

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

```
.background{ background-color: rgb(78, 134,  
113) }
```

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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