

Converting Colors

XYZ(14.7001, 19.7889, 23.2781)

Have a look what the booklet for
XYZ(14.7001, 19.7889, 23.2781)
contains.

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Color

**XYZ(14.6706, 19.7758,
23.1226)**

Conversions

Conversions Part 1

Format	Color
Hex	43867F
RGB	67, 134, 127
RGB Percent	26%, 53%, 50%
CMY	0.7372, 0.4745, 0.5020
CMYK	0.50, 0.00, 0.05, 0.47
HSL	174°, 33%, 39%
HSV	174°, 50%, 53%
XYZ	14.6706, 19.7758, 23.1226
YIQ	113.1690, -37.6850, -16.3810

Conversions

Conversions Part 2

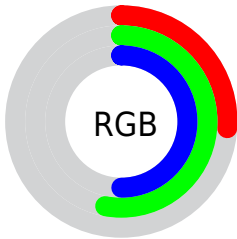
Format	Color
R _{YB}	67, 102, 134
Decimal	4425343
CIE Lab	51.58, -23.10, -2.80
CIE LCh	52, 23.265, 186.913
Yxy	19.7758, 0.2548, 0.3435
Android (android.graphics.Color)	4282615423 (0xFF43867F)
YUV	113.1690, 6.8187, -40.4902
Hunter-Lab	44.4700, -18.9355, 0.3006

Details

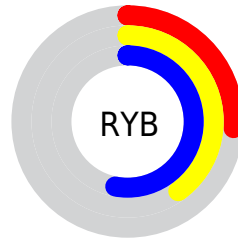
The XYZ color **14.6706, 19.7758, 23.1226** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.0754, 9.5776, 7.6387**, and the grayscale version is **15.7351, 16.5545, 18.0279**.

A 20% lighter version of the original color is **33.9672, 43.2548, 49.7388**, and **4.5830, 6.9101, 8.3000** is the 20% darker color. If you saturate the color by 10%, you get **13.7657, 19.3202, 22.6075**, and if you desaturate by 10%, it is **15.7906, 20.3430, 23.6552**.

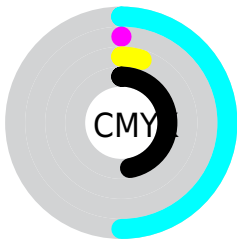
Distribution



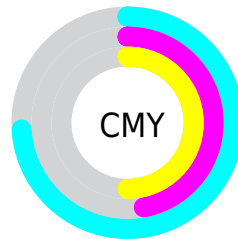
- Red (26%)
- Green (53%)
- Blue (50%)



- Red (26%)
- Yellow (40%)
- Blue (53%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (47%)



- Cyan (74%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6706, 19.7758, 23.1226 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 14.6706, 19.7758, 23.1226 by changing the saturation by 10% instead.

■ 14.6706, 19.7758,
23.1226

■ 14.6706, 19.7758,
23.1226

214.7918,
250.6988, 281.4964

■ 8.6733, 12.2322,
14.4779

■ 33.8507, 43.0410,
49.5203

■ 4.5841, 6.9020,
8.3113

■ 47.7642, 59.5313,
68.1104

■ 2.0376, 3.4009,
4.2041

■ 65.0472, 79.7727,
90.8527

■ 0.6550, 1.3444,
1.7380

■ 86.0651, 104.1495,
118.1658

■ 0.0000, 0.1752,
0.3866

■ 111.1831,
133.0461, 150.4681

■ 0.0000, 0.0000,
0.0000

140.7667,

166.8469, 188.1783

175.1811,
205.9364, 231.7149

■ 14.6706, 19.7758,
23.1226

■ 14.6706, 19.7758,
23.1226

■ 13.7657, 19.3202,
22.6075

■ 15.7906, 20.3430,
23.6552

■ 13.0592, 18.9664,
22.1079

■ 17.1373, 21.0265,
24.2047

■ 12.5349, 18.7062,
21.6234

■ 18.7237, 21.8334,
24.7720

■ 12.1732, 18.5298,
21.1530

■ 20.5613, 22.7697,
25.3578

■ 11.9156, 18.4069,
20.6941

■ 22.6608, 23.8408,
25.9626

■ 11.9156, 18.4069,
20.6940

■ 25.0322, 25.0520,
26.5868

■ 27.6852, 26.4081,
27.2310

■ 30.6288, 27.9139,
27.8956

■ 33.8716, 29.5739,
28.5811

Harmonies

Analogous

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



14.9504, 19.7758, 16.8606



14.6706, 19.7758, 23.1226



15.4206, 19.7758, 30.2451

Triad

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



14.6706, 19.7758, 23.1226



21.6330, 19.7758, 33.5787



20.6181, 19.7758, 11.7134

Complementary

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



14.6706, 19.7758, 23.1226



13.0754, 9.5776, 7.6387

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.



22.6319, 19.7758, 14.6778



14.6706, 19.7758, 23.1226



23.2510, 19.7758, 26.9963

Square

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



14.6706, 19.7758, 23.1226



19.3436, 19.7758, 37.0421



23.6309, 19.7758, 20.0170



18.2594, 19.7758, 11.0987

Rectangle

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



14.6706, 19.7758, 23.1226



16.4434, 19.7758, 34.2475



23.6309, 19.7758, 20.0170



21.3636, 19.7758, 12.4331

Sweetspot

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



14.6712, 19.7766, 23.1231



34.4435, 39.2081, 44.1219



12.4261, 18.9447, 8.3123



7.6318, 8.7680, 9.8989



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.



14.6712, 19.7766, 23.1231



24.0689, 33.9467, 39.7129



12.0144, 13.7072, 24.5677



4.7812, 5.2707, 5.8591



11.1685, 17.2503, 19.4047



0.0402, 0.0604, 0.0751

Inverse Universe

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



13.0754, 9.5776, 7.6387



20.9291, 13.8132, 9.1975



14.7319, 13.2475, 7.0911



4.6909, 4.6960, 4.9846



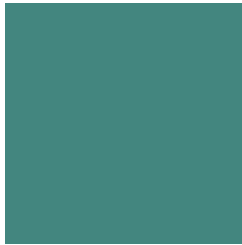
9.2901, 4.7804, 0.8341



0.0334, 0.0170, 0.0092

Previews

White Background



This preview shows how the XYZ color 14.6706, 19.7758, 23.1226 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 14.6706, 19.7758, 23.1226 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 14.6706, 19.7758, 23.1226

Background



This preview shows how black text looks on a background with the XYZ color 14.6706, 19.7758, 23.1226.



This preview shows how white text looks on a background with the XYZ color 14.6706, 19.7758,

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

14.6706, 19.7758, 23.1226

Protanopia

18.8071, 19.6351, 20.5680

Deuteranopia

19.9862, 19.6307, 23.8548



Tritanopia

15.8062, 19.8332, 28.5863

Trichromacy



Original Color

14.6706, 19.7758, 23.1226

Protanomaly

16.7449, 19.2948, 21.5806

Deuteranomaly

17.3544, 19.1884, 23.5579

Tritanomaly

15.4287, 19.8833, 26.6916

Monochromacy



Original Color

14.6706, 19.7758, 23.1226

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.9313, 17.4695, 19.7245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6706, 19.7758, 23.1226 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(67, 134, 127)` looks like.

```
.text, #text, p{  
    color:rgb(67, 134, 127)  
}
```

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(67, 134, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 134, 127) }
```

Border

The CSS property to change the border of an element to XYZ 14.6706, 19.7758, 23.1226 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(67, 134, 127) }
```


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

```
.border{ border-color:rgb(67, 134, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 134, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 134, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 134, 127);  
box-shadow:4px 4px 4px 4px rgb(67, 134,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6706, 19.7758, 23.1226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 134, 127) }
```

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

```
.background{ background-color: rgb(67, 134,  
127) }
```

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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