

Converting Colors

XYZ(15.8408, 18.9312, 22.5622)

Have a look what the booklet for
XYZ(15.8408, 18.9312, 22.5622)
contains.

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Color

**XYZ(15.8695, 19.0123,
22.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7F7E
RGB	93, 127, 126
RGB Percent	36%, 50%, 49%
CMY	0.6353, 0.5020, 0.5059
CMYK	0.27, 0.00, 0.01, 0.50
HSL	178°, 15%, 43%
HSV	178°, 27%, 50%
XYZ	15.8695, 19.0123, 22.5720
YIQ	116.7200, -19.9430, -7.5190

Conversions

Conversions Part 2

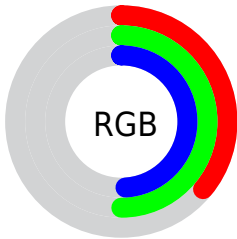
Format	Color
R_{YB}	93, 110, 127
Decimal	6127486
CIE _{Lab}	50.70, -12.18, -3.36
CIE _{LCh}	51, 12.639, 195.441
Yxy	19.0123, 0.2762, 0.3309
Android (android.graphics.Color)	4284317566 (0xFF5D7F7E)
YUV	116.7200, 4.5750, -20.8024
Hunter-Lab	43.6031, -11.3397, -0.1705

Details

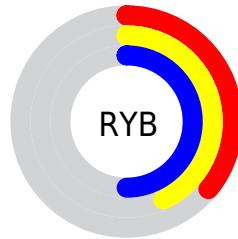
The XYZ color **15.8695, 19.0123, 22.5720** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.6878, 13.1495, 12.3545**, and the grayscale version is **16.8131, 17.6887, 19.2630**.

A 20% lighter version of the original color is **35.9595, 41.8265, 48.8259**, and **5.1461, 6.5425, 8.0128** is the 20% darker color. If you saturate the color by 10%, you get **14.6653, 18.3948, 22.3902**, and if you desaturate by 10%, it is **17.2884, 19.7414, 22.7651**.

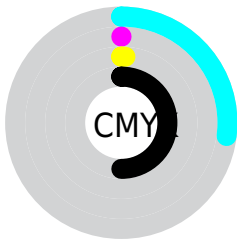
Distribution



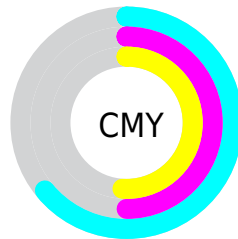
- Red (36%)
- Green (50%)
- Blue (49%)



- Red (36%)
- Yellow (43%)
- Blue (50%)



- Cyan (27%)
- Magenta (0%)
- Yellow (1%)
- Black (50%)



- Cyan (64%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8695, 19.0123, 22.5720 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 15.8695, 19.0123, 22.5720 by changing the saturation by 10% instead.

■ 15.8695, 19.0123,
22.5720

■ 15.8695, 19.0123,
22.5720

221.8560,
246.5167, 278.5693

■ 9.5221, 11.6792,
14.0755

■ 35.9308, 41.7549,
48.6038

■ 5.1431, 6.5256,
8.0338

■ 50.3754, 57.9331,
66.9762

■ 2.3671, 3.1672,
4.0285

■ 68.2498, 77.8285,
89.4777

■ 0.8287, 1.2197,
1.6410

■ 89.9193, 101.8255,
116.5267

■ 0.0000, 0.0777,
0.3198

115.7494,
130.3084, 148.5418

■ 0.0000, 0.0000,
0.0000

146.1052,

163.6616, 185.9416

181.3523,
202.2696, 229.1446

■ 15.8695, 19.0123,
22.5720

■ 15.8695, 19.0123,
22.5720

■ 14.6653, 18.3948,
22.3902

■ 17.2884, 19.7414,
22.7651

■ 13.6637, 17.8812,
22.2180

■ 18.9301, 20.5850,
22.9687

■ 12.8538, 17.4664,
22.0552

■ 20.8045, 21.5485,
23.1836

■ 12.2229, 17.1440,
21.9013

■ 22.9202, 22.6363,
23.4104

■ 11.7570, 16.9065,
21.7556

■ 25.2854, 23.8528,
23.6492

■ 11.4400, 16.7458,
21.6173

■ 27.9081, 25.2020,
23.9006

■ 11.2401, 16.6455,
21.4849

■ 30.7956, 26.6877,
24.1649

■ 11.1812, 16.6160,
21.4425

■ 33.9553, 28.3137,
24.4424

■ 37.3939, 30.0835,
24.7334

Harmonies

Analogous

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



15.8608, 19.0123, 19.0325



15.8695, 19.0123, 22.5720



16.4496, 19.0123, 25.9549

Triad

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



15.8695, 19.0123, 22.5720



19.8224, 19.0123, 25.8686



18.6763, 19.0123, 14.7730

Complementary

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



15.8695, 19.0123, 22.5720



14.6878, 13.1495, 12.3545

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.



19.7948, 19.0123, 16.2090



15.8695, 19.0123, 22.5720



20.4767, 19.0123, 22.4646

Square

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



15.8695, 19.0123, 22.5720



18.7126, 19.0123, 28.0013



20.4664, 19.0123, 18.9367



17.4435, 19.0123, 14.7948

Rectangle

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



15.8695, 19.0123, 22.5720



17.0981, 19.0123, 27.5499



20.4664, 19.0123, 18.9367



19.0793, 19.0123, 15.0934

Sweetspot

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



15.8701, 19.0131, 22.5724



33.4559, 36.6341, 41.0768



14.1955, 18.3566, 13.1513



7.7379, 8.5282, 9.6057



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.8701, 19.0131, 22.5724



27.0814, 33.3602, 40.2225



14.0446, 15.2581, 22.2845



4.4411, 4.8848, 5.4942



11.2760, 16.7570, 21.6240



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.6878, 13.1495, 12.3545



24.5992, 21.0468, 18.7670



16.1833, 16.2119, 12.6326



4.3325, 4.3462, 4.5555



8.8476, 4.5587, 0.5215



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.8695, 19.0123, 22.5720 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 15.8695, 19.0123, 22.5720 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 15.8695, 19.0123, 22.5720

Background



This preview shows how black text looks on a background with the XYZ color 15.8695, 19.0123, 22.5720.



This preview shows how white text looks on a background with the XYZ color 15.8695, 19.0123,

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

15.8695, 19.0123, 22.5720

Protanopia

18.2554, 18.9757, 21.1129

Deuteranopia

19.1597, 18.8703, 23.0546



Tritanopia

16.6241, 19.1322, 26.1092

Trichromacy



Original Color

15.8695, 19.0123, 22.5720

Protanomaly

17.2137, 18.9755, 21.4943

Deuteranomaly

17.7384, 18.8519, 22.7825

Tritanomaly

16.2418, 18.9673, 24.6348

Monochromacy



Original Color

15.8695, 19.0123, 22.5720

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.4119, 18.2190, 20.4209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8695, 19.0123, 22.5720 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(93, 127, 126) looks like.

```
.text, #text, p{  
    color:rgb(93, 127, 126)  
}
```

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(93, 127, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 127, 126) }
```

Border

The CSS property to change the border of an element to XYZ 15.8695, 19.0123, 22.5720 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(93, 127, 126) }
```


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

```
.border{ border-color:rgb(93, 127, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 127, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 127, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 127, 126);  
box-shadow:4px 4px 4px 4px rgb(93, 127,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8695, 19.0123, 22.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 127, 126) }
```

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

```
.background{ background-color: rgb(93, 127,  
126) }
```

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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