

Converting Colors

XYZ(15.6532, 19.4955, 22.6513)

Have a look what the booklet for
XYZ(15.6532, 19.4955, 22.6513)
contains.

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Color

**XYZ(15.6790, 19.4979,
22.6758)**

Conversions

Conversions Part 1

Format	Color
Hex	57827E
RGB	87, 130, 126
RGB Percent	34%, 51%, 49%
CMY	0.6588, 0.4902, 0.5059
CMYK	0.33, 0.00, 0.03, 0.49
HSL	174°, 20%, 43%
HSV	174°, 33%, 51%
XYZ	15.6790, 19.4979, 22.6758
YIQ	116.6870, -24.3440, -10.3600

Conversions

Conversions Part 2

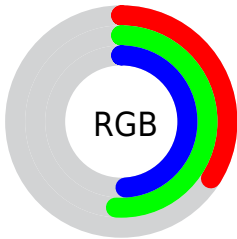
Format	Color
RYB	87, 110, 130
Decimal	5735038
CIELab	51.26, -15.72, -2.58
CIElCh	51, 15.925, 189.306
Yxy	19.4979, 0.2710, 0.3370
Android (android.graphics.Color)	4283925118 (0xFF57827E)
YUV	116.6870, 4.5913, -26.0355
Hunter-Lab	44.1564, -13.8922, 0.4621

Details

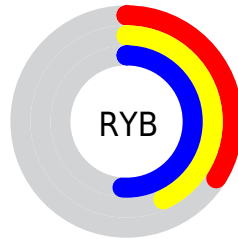
The XYZ color **15.6790, 19.4979, 22.6758** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.5031, 12.3180, 11.5114**, and the grayscale version is **16.8038, 17.6790, 19.2524**.

A 20% lighter version of the original color is **35.5514, 42.5249, 48.9822**, and **5.0813, 6.8328, 8.0722** is the 20% darker color. If you saturate the color by 10%, you get **14.4955, 18.8972, 22.2157**, and if you desaturate by 10%, it is **17.0832, 20.2132, 23.1520**.

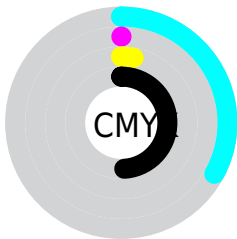
Distribution



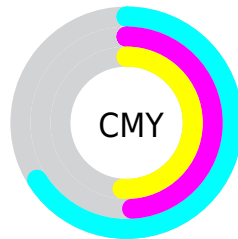
- Red (34%)
- Green (51%)
- Blue (49%)



- Red (34%)
- Yellow (43%)
- Blue (51%)



- Cyan (33%)
- Magenta (0%)
- Yellow (3%)
- Black (49%)



- Cyan (66%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6790, 19.4979, 22.6758 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 15.6790, 19.4979, 22.6758 by changing the saturation by 10% instead.

■ 15.6790, 19.4979,
22.6758

■ 15.6790, 19.4979,
22.6758

220.7479,
249.1838, 279.1232

■ 9.3867, 12.0306,
14.1513

■ 35.6020, 42.5738,
48.7769

■ 5.0534, 6.7645,
8.0860

■ 49.9634, 58.9511,
67.1905

■ 2.3137, 3.3153,
4.0615

■ 67.7452, 79.0672,
89.7375

■ 0.8017, 1.2985,
1.6591

■ 89.3128, 103.3066,
116.8365

■ 0.0000, 0.1400,
0.3325

■ 115.0315,
132.0535, 148.9061

■ 0.0000, 0.0000,
0.0000

145.2667,

165.6924, 186.3647

180.3837,
204.6078, 229.6309

■ 15.6790, 19.4979,
22.6758

■ 15.6790, 19.4979,
22.6758

■ 14.4955, 18.8972,
22.2157

■ 17.0832, 20.2132,
23.1520

■ 13.5192, 18.4028,
21.7699

■ 18.7173, 21.0464,
23.6434

■ 12.7379, 18.0088,
21.3380

■ 20.5920, 22.0036,
24.1511

■ 12.1373, 17.7078,
20.9195

■ 22.7168, 23.0895,
24.6754

■ 11.7011, 17.4915,
20.5135

■ 25.1007, 24.3090,
25.2169

■ 11.4100, 17.3498,
20.1192

■ 27.7523, 25.6663,
25.7759

■ 11.2474, 17.2717,
19.8509

■ 30.6798, 27.1657,
26.3529

■ 33.8909, 28.8113,
26.9482

■ 37.3933, 30.6069,
27.5622

Harmonies

Analogous

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



15.8197, 19.4979, 18.2869



15.6790, 19.4979, 22.6758



16.2683, 19.4979, 27.2659

Triad

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



15.6790, 19.4979, 22.6758



20.5347, 19.4979, 28.7416



19.6324, 19.4979, 14.0544

Complementary

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



15.6790, 19.4979, 22.6758



14.5031, 12.3180, 11.5114

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.



20.9969, 19.4979, 16.1577



15.6790, 19.4979, 22.6758



21.5382, 19.4979, 24.4728

Square

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



15.6790, 19.4979, 22.6758



19.0304, 19.4979, 31.0829



21.7120, 19.4979, 19.8468



18.0427, 19.4979, 13.7160

Rectangle

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



15.6790, 19.4979, 22.6758



17.0167, 19.4979, 29.6734



21.7120, 19.4979, 19.8468



20.1351, 19.4979, 14.5625

Sweetspot

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



15.6796, 19.4987, 22.6762



33.8585, 37.5207, 41.8880



14.0475, 18.8936, 11.9236



7.5795, 8.4497, 9.4577



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.



15.6796, 19.4987, 22.6762



25.9474, 33.4916, 39.2958



13.8431, 15.4042, 23.3638



4.4297, 4.8802, 5.4341



10.7853, 16.5607, 19.0400



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.5031, 12.3180, 11.5114



23.5309, 18.7280, 16.3522



15.8974, 15.3755, 11.1470



4.3428, 4.3503, 4.6095



8.8926, 4.5767, 0.7582



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.6790, 19.4979, 22.6758 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 15.6790, 19.4979, 22.6758 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 15.6790, 19.4979, 22.6758

Background



This preview shows how black text looks on a background with the XYZ color 15.6790, 19.4979, 22.6758.



This preview shows how white text looks on a background with the XYZ color 15.6790, 19.4979,

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

15.6790, 19.4979, 22.6758

Protanopia

18.6007, 19.3403, 20.8418

Deuteranopia

19.5806, 19.2612, 23.1078



Tritanopia

16.5231, 19.4470, 26.9275

Trichromacy



Original Color

15.6790, 19.4979, 22.6758

Protanomaly

17.3383, 19.2249, 21.5358

Deuteranomaly

17.7297, 19.0288, 22.8171

Tritanomaly

16.2732, 19.5456, 25.4692

Monochromacy



Original Color

15.6790, 19.4979, 22.6758

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.2936, 18.3393, 20.4504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6790, 19.4979, 22.6758 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(87, 130, 126) looks like.

```
.text, #text, p{  
    color:rgb(87, 130, 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(87, 130, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 130, 126) }
```

Border

The CSS property to change the border of an element to XYZ 15.6790, 19.4979, 22.6758 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(87, 130, 126) }
```


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

```
.border{ border-color:rgb(87, 130, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 130, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 130, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 130, 126);  
box-shadow:4px 4px 4px 4px rgb(87, 130,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6790, 19.4979, 22.6758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 130, 126) }
```

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

```
.background{ background-color: rgb(87, 130,  
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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