

Converting Colors

XYZ(15.1843, 23.7027, 22.9930)

Have a look what the booklet for
XYZ(15.1843, 23.7027, 22.9930)
contains.

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Color

**XYZ(15.0799, 23.5439,
22.8184)**

Conversions

Conversions Part 1

Format	Color
Hex	1E967C
RGB	30, 150, 124
RGB Percent	12%, 59%, 49%
CMY	0.8823, 0.4118, 0.5137
CMYK	0.80, 0.00, 0.17, 0.41
HSL	167°, 67%, 35%
HSV	167°, 80%, 59%
XYZ	15.0799, 23.5439, 22.8184
YIQ	111.1560, -63.1740, -33.5260

Conversions

Conversions Part 2

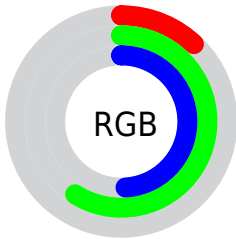
Format	Color
R_{YB}	30, 97, 150
Decimal	2004604
CIE _{Lab}	55.63, -38.06, 4.70
CIE _{LCh}	56, 38.351, 172.961
Yxy	23.5439, 0.2454, 0.3832
Android (android.graphics.Color)	4280194684 (0xFF1E967C)
YUV	111.1560, 6.3321, -71.1738
Hunter-Lab	48.5221, -29.4386, 6.0832

Details

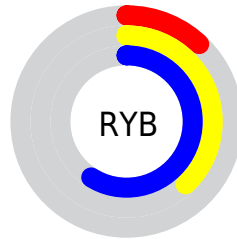
The XYZ color **15.0799, 23.5439, 22.8184** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **13.7567, 7.6989, 4.5037**, and the grayscale version is **15.1511, 15.9402, 17.3588**.

A 20% lighter version of the original color is **34.4917, 49.2840, 48.7692**, and **5.6377, 9.2434, 8.1436** is the 20% darker color. If you saturate the color by 10%, you get **14.5398, 23.2894, 21.7381**, and if you desaturate by 10%, it is **15.8365, 23.9104, 23.9452**.

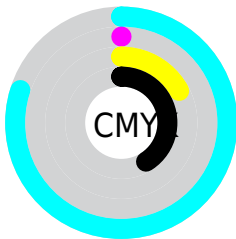
Distribution



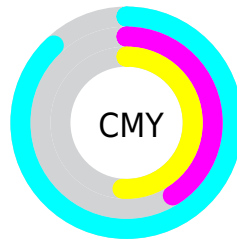
- Red (12%)
- Green (59%)
- Blue (49%)



- Red (12%)
- Yellow (38%)
- Blue (59%)



- Cyan (80%)
- Magenta (0%)
- Yellow (17%)
- Black (41%)



- Cyan (88%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0799, 23.5439, 22.8184 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 15.0799, 23.5439, 22.8184 by changing the saturation by 10% instead.

■ 15.0799, 23.5439,
22.8184

■ 15.0799, 23.5439,
22.8184

217.2281,
270.5064, 279.8825

■ 8.9622, 14.9956,
14.2554

■ 34.5638, 49.2849,
49.0144

■ 4.7734, 8.8163,
8.1578

■ 48.6607, 67.2464,
67.4845

■ 2.1483, 4.6216,
4.1068

■ 66.1479, 89.1144,
90.0940

■ 0.7153, 2.0270,
1.6841

■ 87.3910, 115.2734,
117.2616

■ 0.0000, 0.6231,
0.3498

■ 112.7552,
146.1077, 149.4056

■ 0.0000, 0.0000,
0.0000

■ 142.6059,

182.0017, 186.9448

177.3084,
223.3398, 230.2976

■ 15.0799, 23.5439,
22.8184

■ 15.0799, 23.5439,
22.8184

■ 14.5398, 23.2894,
21.7381

■ 15.8365, 23.9104,
23.9452

■ 14.1472, 23.1096,
20.6993

■ 16.8338, 24.3996,
25.1185

■ 14.1470, 23.1095,
20.6986

■ 18.0950, 25.0240,
26.3402

■ 19.6397, 25.7938,
27.6115

■ 21.4860, 26.7182,
28.9336

■ 23.6501, 27.8057,
30.3075

■ 26.1473, 29.0641,
31.7344

■ 28.9918, 30.5006,
33.2151

■ 32.1970, 32.1223,
34.7506

Harmonies

Analogous

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



16.3595, 23.5439, 13.7725



15.0799, 23.5439, 22.8184



15.5441, 23.5439, 36.1260

Triad

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



15.0799, 23.5439, 22.8184



25.7910, 23.5439, 54.5130



27.7862, 23.5439, 10.9068

Complementary

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



15.0799, 23.5439, 22.8184



13.7567, 7.6989, 4.5037

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.



30.9679, 23.5439, 17.4018



15.0799, 23.5439, 22.8184



29.7160, 23.5439, 42.8802

Square

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



15.0799, 23.5439, 22.8184



21.3713, 23.5439, 57.3935



31.7162, 23.5439, 28.6750



23.4154, 23.5439, 8.4874

Rectangle

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



15.0799, 23.5439, 22.8184



16.8130, 23.5439, 45.5986



31.7162, 23.5439, 28.6750



29.0521, 23.5439, 12.5610

Sweetspot

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



15.0806, 23.5448, 22.8190



39.9542, 48.1733, 52.3870



12.8865, 22.8069, 4.9519



8.5856, 10.5409, 11.4369



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.0806, 23.5448, 22.8190



25.1343, 40.8606, 36.9099



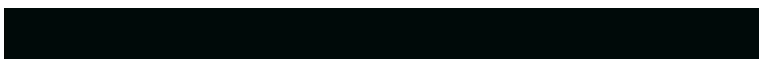
12.5198, 15.4361, 31.1747



5.9109, 6.5409, 7.1415



11.7449, 19.1708, 17.2302



0.1545, 0.2389, 0.2674

Inverse Universe

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



13.7567, 7.6989, 4.5037



22.8158, 11.8251, 3.8834



14.5356, 10.0241, 2.3977



5.8492, 5.8347, 6.3120



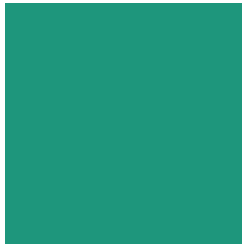
10.6639, 5.4706, 1.7114



0.1398, 0.0707, 0.0697

Previews

White Background



This preview shows how the XYZ color 15.0799, 23.5439, 22.8184 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 15.0799, 23.5439, 22.8184 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 15.0799, 23.5439, 22.8184

Background



This preview shows how black text looks on a background with the XYZ color 15.0799, 23.5439, 22.8184.

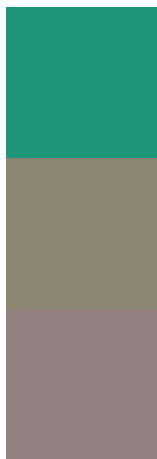


This preview shows how white text looks on a background with the XYZ color 15.0799, 23.5439,

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

15.0799, 23.5439, 22.8184

Protanopia

21.9932, 23.2293, 19.5442

Deuteranopia

23.5357, 23.1343, 23.9938



Tritanopia

17.5764, 23.3889, 35.4864

Trichromacy



Original Color

15.0799, 23.5439, 22.8184

Protanomaly

17.6482, 22.4259, 20.5380

Deuteranomaly

18.3438, 22.0837, 23.3744

Tritanomaly

16.5408, 23.4254, 30.4378

Monochromacy



Original Color

15.0799, 23.5439, 22.8184

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

13.9657, 17.7220, 19.2076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0799, 23.5439, 22.8184 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(30, 150, 124)` looks like.

```
.text, #text, p{  
    color:rgb(30, 150, 124)  
}
```

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(30, 150, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 150, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.0799, 23.5439, 22.8184 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(30, 150, 124) }
```


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

```
.border{ border-color:rgb(30, 150, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 150, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 150, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 150, 124);  
box-shadow:4px 4px 4px 4px rgb(30, 150,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0799, 23.5439, 22.8184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 150, 124) }
```

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

```
.background{ background-color: rgb(30, 150,  
124) }
```

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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