

Converting Colors

XYZ(15.4046, 22.5426, 26.0373)

Have a look what the booklet for
XYZ(15.4046, 22.5426, 26.0373)
contains.

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Color

**XYZ(15.3833, 22.4643,
26.0795)**

Conversions

Conversions Part 1

Format	Color
Hex	2A9186
RGB	42, 145, 134
RGB Percent	16%, 57%, 53%
CMY	0.8353, 0.4314, 0.4745
CMYK	0.71, 0.00, 0.08, 0.43
HSL	174°, 55%, 37%
HSV	174°, 71%, 57%
XYZ	15.3833, 22.4643, 26.0795
YIQ	112.9490, -57.8570, -25.2570

Conversions

Conversions Part 2

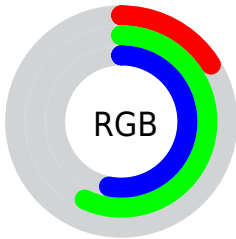
Format	Color
RYB	42, 96, 145
Decimal	2789766
CIELab	54.52, -31.47, -2.63
CIElCh	55, 31.575, 184.771
Yxy	22.4643, 0.2406, 0.3514
Android (android.graphics.Color)	4280979846 (0xFF2A9186)
YUV	112.9490, 10.3781, -62.2223
Hunter-Lab	47.3965, -25.0089, 0.5538

Details

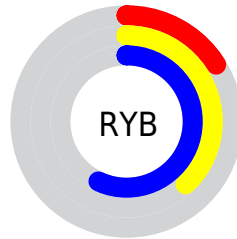
The XYZ color **15.3833, 22.4643, 26.0795** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.1484, 7.9333, 4.2071**, and the grayscale version is **15.6641, 16.4798, 17.9465**.

A 20% lighter version of the original color is **34.9866, 47.3183, 54.3031**, and **5.6424, 8.6613, 9.9687** is the 20% darker color. If you saturate the color by 10%, you get **14.7871, 22.1699, 25.4923**, and if you desaturate by 10%, it is **16.1970, 22.8717, 26.6862**.

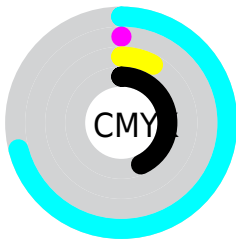
Distribution



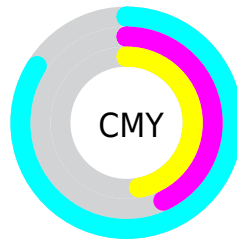
- Red (16%)
- Green (57%)
- Blue (53%)



- Red (16%)
- Yellow (38%)
- Blue (57%)



- Cyan (71%)
- Magenta (0%)
- Yellow (8%)
- Black (43%)



- Cyan (84%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3833, 22.4643, 26.0795 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 15.3833, 22.4643, 26.0795 by changing the saturation by 10% instead.

■ 15.3833, 22.4643,
26.0795

■ 15.3833, 22.4643,
26.0795

■ 219.0173,
264.9615, 296.7900

■ 9.1769, 14.1985,
16.6568

■ 35.0904, 47.5122,
54.3888

■ 4.9148, 8.2588,
9.8308

■ 49.3218, 65.0630,
74.1126

■ 2.2316, 4.2610,
5.1828

■ 66.9588, 86.4777,
98.1071

■ 0.7593, 1.8206,
2.2943

■ 88.3670, 112.1405,
126.7909

■ 0.0000, 0.5000,
0.7280

■ 113.9116,
142.4359, 160.5825

■ 0.0000, 0.0000,
0.0000

■ 143.9579,

177.7482, 199.9006

178.8714,
218.4620, 245.1636

■ 15.3833, 22.4643,
26.0795

■ 15.3833, 22.4643,
26.0795

■ 14.7871, 22.1699,
25.4923

■ 16.1970, 22.8717,
26.6862

■ 14.3820, 21.9732,
24.9217

■ 17.2471, 23.4003,
27.3117

■ 14.1225, 21.8503,
24.4218

■ 18.5526, 24.0604,
27.9576

■ 20.1300, 24.8604,
28.6245

■ 21.9945, 25.8083,
29.3132

■ 24.1602, 26.9112,
30.0245

■ 26.6400, 28.1760,
30.7589

■ 29.4464, 29.6088,
31.5172

■ 32.5910, 31.2159,
32.2997

Harmonies

Analogous

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



15.8801, 22.4643, 17.2031



15.3833, 22.4643, 26.0795



16.3388, 22.4643, 37.0174

Triad

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



15.3833, 22.4643, 26.0795



25.3758, 22.4643, 43.6909



24.3153, 22.4643, 10.9534

Complementary

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



15.3833, 22.4643, 26.0795



13.1484, 7.9333, 4.2071

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.



27.2973, 22.4643, 15.1217



15.3833, 22.4643, 26.0795



27.9545, 22.4643, 33.5148

Square

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



15.3833, 22.4643, 26.0795



21.9099, 22.4643, 48.7899



28.6929, 22.4643, 22.9086



20.8029, 22.4643, 9.9597

Rectangle

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



15.3833, 22.4643, 26.0795



17.7387, 22.4643, 43.5627



28.6929, 22.4643, 22.9086



25.4246, 22.4643, 11.9618

Sweetspot

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



15.3840, 22.4652, 26.0800



39.2417, 46.1430, 52.4429



12.0662, 21.2036, 5.6476



8.5394, 10.1682, 11.5990



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.3840, 22.4652, 26.0800



26.0253, 39.4794, 45.0611



11.1707, 12.7461, 28.6606



5.5358, 6.1065, 6.7873



12.1186, 18.7433, 20.9765



0.1205, 0.1810, 0.2248

Inverse Universe

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



13.1484, 7.9333, 4.2071



21.8166, 11.8184, 3.6583



15.0742, 12.1447, 3.7405



5.4309, 5.4329, 5.7669



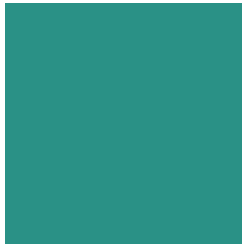
10.0981, 5.1963, 0.9019



0.1002, 0.0512, 0.0281

Previews

White Background



This preview shows how the XYZ color 15.3833, 22.4643, 26.0795 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 15.3833, 22.4643, 26.0795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

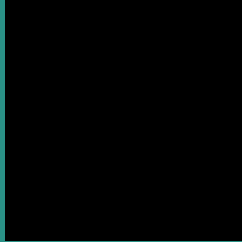
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.3833, 22.4643, 26.0795

Background



This preview shows how black text looks on a background with the XYZ color 15.3833, 22.4643, 26.0795.

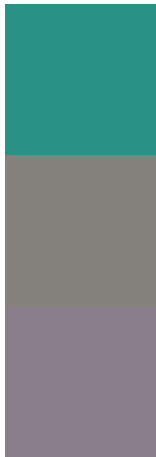


This preview shows how white text looks on a background with the XYZ color 15.3833, 22.4643,

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

15.3833, 22.4643, 26.0795

Protanopia

21.2248, 22.1677, 22.5622

Deuteranopia

22.5295, 22.1600, 27.1346



Tritanopia

16.9739, 22.4360, 34.0078

Trichromacy



Original Color

15.3833, 22.4643, 26.0795

Protanomaly

17.8158, 21.5958, 23.6515

Deuteranomaly

18.4964, 21.4648, 26.8352

Tritanomaly

16.3555, 22.4045, 31.0662

Monochromacy



Original Color

15.3833, 22.4643, 26.0795

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.7153, 18.0739, 20.8022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3833, 22.4643, 26.0795 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(42, 145, 134)` looks like.

```
.text, #text, p{  
  color:rgb(42, 145, 134)  
}
```

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(42, 145, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 145, 134) }
```

Border

The CSS property to change the border of an element to XYZ 15.3833, 22.4643, 26.0795 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(42, 145, 134) }
```


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

```
.border{ border-color:rgb(42, 145, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 145, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 145, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 145, 134);  
box-shadow:4px 4px 4px 4px rgb(42, 145,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3833, 22.4643, 26.0795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 145, 134) }
```

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

```
.background{ background-color: rgb(42, 145,  
134) }
```

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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