

Converting Colors

XYZ(16.0114, 26.2120, 18.3612)

Have a look what the booklet for
XYZ(16.0114, 26.2120, 18.3612)
contains.

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Color

**XYZ(15.9299, 26.0500,
18.3759)**

Conversions

Conversions Part 1

Format	Color
Hex	2B9E6C
RGB	43, 158, 108
RGB Percent	17%, 62%, 42%
CMY	0.8314, 0.3804, 0.5765
CMYK	0.73, 0.00, 0.32, 0.38
HSL	154°, 57%, 39%
HSV	154°, 73%, 62%
XYZ	15.9299, 26.0500, 18.3759
YIQ	117.9150, -52.4900, -39.9300

Conversions

Conversions Part 2

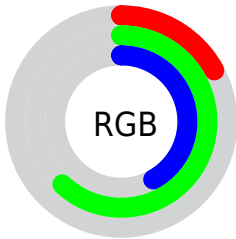
Format	Color
R_{YB}	43, 116, 158
Decimal	2858604
CIE _{Lab}	58.08, -43.66, 17.21
CIE _{LCh}	58, 46.925, 158.488
Yxy	26.0500, 0.2639, 0.4316
Android (android.graphics.Color)	4281048684 (0xFF2B9E6C)
YUV	117.9150, -4.8881, -65.7005
Hunter-Lab	51.0392, -33.6068, 14.3810

Details

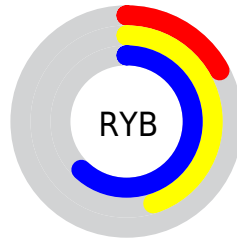
The XYZ color **15.9299, 26.0500, 18.3759** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **16.9411, 9.7878, 11.3534**, and the grayscale version is **17.2206, 18.1174, 19.7298**.

A 20% lighter version of the original color is **36.2174, 53.6345, 41.7013**, and **5.8672, 10.4294, 5.9788** is the 20% darker color. If you saturate the color by 10%, you get **15.0401, 25.6326, 16.5006**, and if you desaturate by 10%, it is **17.1065, 26.6133, 20.4162**.

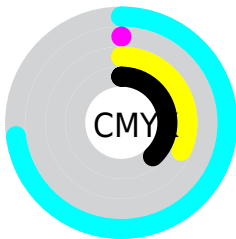
Distribution



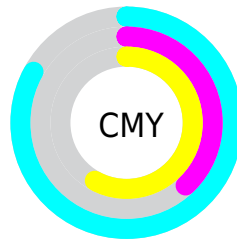
- Red (17%)
- Green (62%)
- Blue (42%)



- Red (17%)
- Yellow (45%)
- Blue (62%)



- Cyan (73%)
- Magenta (0%)
- Yellow (32%)
- Black (38%)



- Cyan (83%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9299, 26.0500, 18.3759 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 15.9299, 26.0500, 18.3759 by changing the saturation by 10% instead.

■ 15.9299, 26.0500,
18.3759

■ 15.9299, 26.0500,
18.3759

222.2062,
283.0274, 255.2882

■ 9.5651, 16.8610,
11.0480

■ 36.0349, 53.3556,
41.4994

■ 5.1716, 10.1355,
5.9845

■ 50.5058, 72.2410,
58.1320

■ 2.3841, 5.4889,
2.7670

■ 68.4094, 95.1274,
78.7033

■ 0.8372, 2.5369,
0.9770

■ 90.1112, 122.3992,
103.6317

■ 0.0000, 0.8950,
0.0000

■ 115.9764,
154.4406, 133.3359

■ 0.0000, 0.0000,
0.0000

■ 146.3704,

191.6362, 168.2344

181.6586,
234.3704, 208.7456

■ 15.9299, 26.0500,
18.3759

■ 15.9299, 26.0500,
18.3759

■ 15.0401, 25.6326,
16.5006

■ 17.1065, 26.6133,
20.4162

■ 14.4029, 25.3414,
14.7836

■ 18.5949, 27.3333,
22.6242

■ 14.0433, 25.1810,
13.6384

■ 20.4199, 28.2233,
25.0050

■ 22.6027, 29.2942,
27.5627

■ 25.1630, 30.5561,
30.3013

■ 28.1189, 32.0183,
33.2245

■ 31.4873, 33.6894,
36.3360

■ 35.2841, 35.5775,
39.6394

■ 39.5244, 37.6905,
43.1381

Harmonies

Analogous

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



18.5690, 26.0500, 10.2570



15.9299, 26.0500, 18.3759



15.4571, 26.0500, 33.2329

Triad

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



15.9299, 26.0500, 18.3759



26.4061, 26.0500, 71.8765



34.3239, 26.0500, 13.0181

Complementary

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



15.9299, 26.0500, 18.3759



16.9411, 9.7878, 11.3534

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.



37.2004, 26.0500, 23.9955



15.9299, 26.0500, 18.3759



32.1930, 26.0500, 60.5432

Square

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



15.9299, 26.0500, 18.3759



20.9690, 26.0500, 68.5192



36.3662, 26.0500, 41.4406



28.9818, 26.0500, 8.0887

Rectangle

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



15.9299, 26.0500, 18.3759



16.3519, 26.0500, 46.0398



36.3662, 26.0500, 41.4406



35.6457, 26.0500, 15.9137

Sweetspot

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



15.9306, 26.0510, 18.3765



45.8713, 55.5753, 55.2067



17.3572, 27.0488, 6.5920



10.0600, 12.3904, 12.1549



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.9306, 26.0510, 18.3765



26.5759, 46.2084, 28.0849



18.4375, 25.5210, 36.3032



6.6999, 7.4607, 7.8541



11.2668, 20.1747, 11.0282



0.2225, 0.3691, 0.3078

Inverse Universe

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



16.9411, 9.7878, 11.3534



28.5441, 14.9973, 14.7506



15.6252, 9.6199, 3.3192



6.7468, 6.6916, 7.5179



12.1650, 6.1706, 5.1201



0.2384, 0.1187, 0.2014

Previews

White Background



This preview shows how the XYZ color 15.9299, 26.0500, 18.3759 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 15.9299, 26.0500, 18.3759 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 15.9299, 26.0500, 18.3759

Background



This preview shows how black text looks on a background with the XYZ color 15.9299, 26.0500, 18.3759.



This preview shows how white text looks on a background with the XYZ color 15.9299, 26.0500,

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

15.9299, 26.0500, 18.3759

Protanopia

23.7350, 25.4674, 15.4691

Deuteranopia

26.1227, 25.5670, 19.4777



Tritanopia

19.9922, 25.9709, 38.6095

Trichromacy



Original Color

15.9299, 26.0500, 18.3759

Protanomaly

18.9541, 24.5251, 16.3052

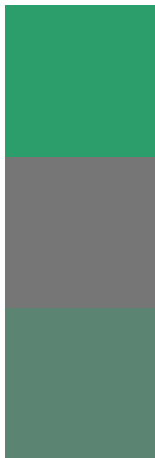
Deuteranomaly

20.0688, 24.3674, 18.9749

Tritanomaly

18.2584, 25.9939, 30.0416

Monochromacy



Original Color

15.9299, 26.0500, 18.3759

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

15.7392, 20.2141, 18.9918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9299, 26.0500, 18.3759 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(43, 158, 108)` looks like.

```
.text, #text, p{  
    color:rgb(43, 158, 108)  
}
```

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(43, 158, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 158, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.9299, 26.0500, 18.3759 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(43, 158, 108) }
```


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

```
.border{ border-color:rgb(43, 158, 108) }
```

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

Here you see how a box with a 4 pixel rgb(43, 158, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 158, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 158, 108);  
box-shadow:4px 4px 4px 4px rgb(43, 158,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9299, 26.0500, 18.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 158, 108) }
```

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

```
.background{ background-color: rgb(43, 158,  
108) }
```

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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