

Converting Colors

XYZ(15.8523, 26.0340, 17.2863)

Have a look what the booklet for
XYZ(15.8523, 26.0340, 17.2863)
contains.

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Color

**XYZ(15.8523, 26.0340,
17.2863)**

Conversions

Conversions Part 1

Format	Color
Hex	2E9E68
RGB	46, 158, 104
RGB Percent	18%, 62%, 41%
CMY	0.8196, 0.3804, 0.5921
CMYK	0.71, 0.00, 0.34, 0.38
HSL	151°, 55%, 40%
HSV	151°, 71%, 62%
XYZ	15.8523, 26.0340, 17.2863
YIQ	118.3560, -49.4180, -40.5380

Conversions

Conversions Part 2

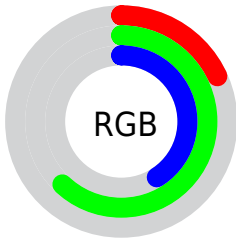
Format	Color
RYB	46, 120, 158
Decimal	3055208
CIELab	58.07, -44.04, 19.41
CIElCh	58, 48.127, 156.215
Yxy	26.0340, 0.2679, 0.4400
Android (android.graphics.Color)	4281245288 (0xFF2E9E68)
YUV	118.3560, -7.0775, -63.4562
Hunter-Lab	51.0235, -33.8337, 15.6296

Details

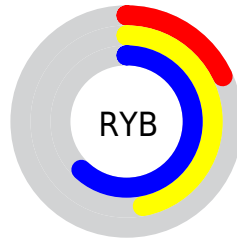
The XYZ color **15.8523, 26.0340, 17.2863** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **17.3787, 10.1439, 13.0999**, and the grayscale version is **17.3649, 18.2693, 19.8952**.

A 20% lighter version of the original color is **36.0264, 53.5855, 39.4546**, and **5.7654, 10.3887, 5.4427** is the 20% darker color. If you saturate the color by 10%, you get **14.8977, 25.5853, 15.3124**, and if you desaturate by 10%, it is **17.1052, 26.6338, 19.4578**.

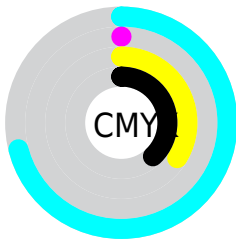
Distribution



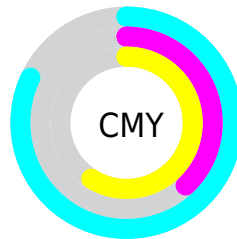
- Red (18%)
- Green (62%)
- Blue (41%)



- Red (18%)
- Yellow (47%)
- Blue (62%)



- Cyan (71%)
- Magenta (0%)
- Yellow (34%)
- Black (38%)



- Cyan (82%)
- Magenta (38%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8523, 26.0340, 17.2863 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 15.8523, 26.0340, 17.2863 by changing the saturation by 10% instead.

■ 15.8523, 26.0340,
17.2863

■ 15.8523, 26.0340,
17.2863

221.7562,
282.9489, 248.9164

■ 9.5099, 16.8491,
10.2747

■ 35.9011, 53.3298,
39.6147

■ 5.1350, 10.1269,
5.4735

■ 50.3382, 72.2095,
55.7687

■ 2.3622, 5.4832,
2.4641

■ 68.2043, 95.0895,
75.8072

■ 0.8262, 2.5335,
0.8211

■ 89.8646, 122.3543,
100.1487

■ 0.0000, 0.8933,
0.0000

■ 115.6847,
154.3882, 129.2119

■ 0.0000, 0.0000,
0.0000

■ 146.0297,

191.5757, 163.4152

181.2651,
234.3012, 203.1772

■ 15.8523, 26.0340,
17.2863

■ 15.8523, 26.0340,
17.2863

■ 14.8977, 25.5853,
15.3124

■ 17.1052, 26.6338,
19.4578

■ 14.2081, 25.2685,
13.5281

■ 18.6810, 27.3953,
21.8311

■ 13.7435, 25.0611,
12.0598

■ 20.6040, 28.3315,
24.4122

■ 22.8955, 29.4533,
27.2065

■ 25.5750, 30.7708,
30.2191

■ 28.6606, 32.2930,
33.4549

■ 32.1691, 34.0287,
36.9186

■ 36.1166, 35.9860,
40.6147

■ 40.5181, 38.1725,
44.5476

Harmonies

Analogous

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



18.7045, 26.0340, 9.5550



15.8523, 26.0340, 17.2863



15.2039, 26.0340, 31.9594

Triad

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



15.8523, 26.0340, 17.2863



25.9758, 26.0340, 73.6328



34.9155, 26.0340, 13.3152

Complementary

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



15.8523, 26.0340, 17.2863



17.3787, 10.1439, 13.0999

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.



37.6194, 26.0340, 25.0169



15.8523, 26.0340, 17.2863



31.9621, 26.0340, 62.8618

Square

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



15.8523, 26.0340, 17.2863



20.5002, 26.0340, 68.9480



36.4617, 26.0340, 43.3360



29.5376, 26.0340, 7.9712

Rectangle

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



15.8523, 26.0340, 17.2863



16.0018, 26.0340, 44.9908



36.4617, 26.0340, 43.3360



36.2027, 26.0340, 16.4158

Sweetspot

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



15.8530, 26.0350, 17.2869



46.1683, 55.7426, 54.5779



17.9912, 27.3690, 6.9197



10.1111, 12.4207, 11.9777



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.



15.8530, 26.0350, 17.2869



26.2751, 46.1016, 25.8932



19.2100, 26.8722, 36.5233



6.6870, 7.4555, 7.7861



11.0267, 20.0786, 9.7638



0.2185, 0.3675, 0.2869

Inverse Universe

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



17.3787, 10.1439, 13.0999



29.2272, 15.4322, 17.8497



15.6460, 9.5700, 3.6078



6.7596, 6.6968, 7.5851



12.3627, 6.2496, 6.1609



0.2423, 0.1203, 0.2223

Previews

White Background



This preview shows how the XYZ color 15.8523, 26.0340, 17.2863 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 15.8523, 26.0340, 17.2863 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 15.8523, 26.0340, 17.2863

Background



This preview shows how black text looks on a background with the XYZ color 15.8523, 26.0340, 17.2863.



This preview shows how white text looks on a background with the XYZ color 15.8523, 26.0340,

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

15.8523, 26.0340, 17.2863

Protanopia

23.7775, 25.5055, 14.7362

Deuteranopia

26.1023, 25.5822, 18.3140



Tritanopia

20.2033, 26.0797, 38.6194

Trichromacy



Original Color

15.8523, 26.0340, 17.2863



Protanomaly

19.0596, 24.5964, 15.5474



Deuteranomaly

20.1255, 24.4218, 17.8405



Tritanomaly

18.3626, 26.0563, 29.6527

Monochromacy



Original Color

15.8523, 26.0340, 17.2863



Achromatopsia

17.2197, 18.1164, 19.7288



Achromatomaly

15.7818, 20.2426, 18.6982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8523, 26.0340, 17.2863 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(46, 158, 104)` looks like.

```
.text, #text, p{  
    color:rgb(46, 158, 104)  
}
```

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(46, 158, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 158, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.8523, 26.0340, 17.2863 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(46, 158, 104) }
```


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

```
.border{ border-color:rgb(46, 158, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 158, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 158, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 158, 104);  
box-shadow:4px 4px 4px 4px rgb(46, 158,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8523, 26.0340, 17.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 158, 104) }
```

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

```
.background{ background-color: rgb(46, 158,  
104) }
```

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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