

Converting Colors

XYZ(18.3476, 26.2903, 26.6241)

Have a look what the booklet for
XYZ(18.3476, 26.2903, 26.6241)
contains.

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Color

**XYZ(18.4083, 26.3929,
26.6784)**

Conversions

Conversions Part 1

Format	Color
Hex	449B86
RGB	68, 155, 134
RGB Percent	27%, 61%, 53%
CMY	0.7333, 0.3921, 0.4745
CMYK	0.56, 0.00, 0.14, 0.39
HSL	166°, 39%, 44%
HSV	166°, 56%, 61%
XYZ	18.4083, 26.3929, 26.6784
YIQ	126.5930, -45.1110, -24.9750

Conversions

Conversions Part 2

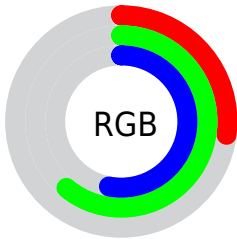
Format	Color
RYB	68, 117, 155
Decimal	4496262
CIELab	58.41, -31.44, 3.14
CIELCh	58, 31.594, 174.296
Yxy	26.3929, 0.2575, 0.3692
Android (android.graphics.Color)	4282686342 (0xFF449B86)
YUV	126.5930, 3.6517, -51.3861
Hunter-Lab	51.3740, -25.9446, 5.1727

Details

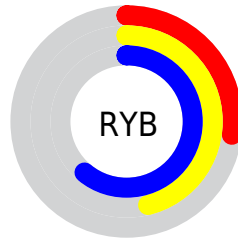
The XYZ color **18.4083, 26.3929, 26.6784** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.3887, 11.8247, 10.8179**, and the grayscale version is **20.0329, 21.0762, 22.9520**.

A 20% lighter version of the original color is **40.3284, 53.9661, 55.3047**, and **6.4505, 10.3406, 10.0435** is the 20% darker color. If you saturate the color by 10%, you get **17.2107, 25.8058, 25.2845**, and if you desaturate by 10%, it is **19.9025, 27.1331, 28.1356**.

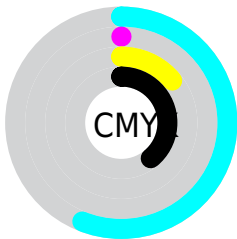
Distribution



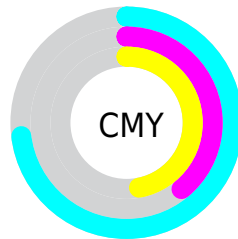
- Red (27%)
- Green (61%)
- Blue (53%)



- Red (27%)
- Yellow (46%)
- Blue (61%)



- Cyan (56%)
- Magenta (0%)
- Yellow (14%)
- Black (39%)



- Cyan (73%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4083, 26.3929, 26.6784 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 18.4083, 26.3929, 26.6784 by changing the saturation by 10% instead.

■ 18.4083, 26.3929,
26.6784

■ 18.4083, 26.3929,
26.6784

236.1638,
284.7055, 299.8074

■ 11.3450, 17.1178,
17.1015

■ 40.2565, 53.9081,
55.3648

■ 6.3684, 10.3185,
10.1442

■ 55.7721, 72.9170,
75.3115

■ 3.1131, 5.6107,
5.3878

■ 74.8358, 95.9393,
99.5518

■ 1.2139, 2.6098,
2.4139

■ 97.8130, 123.3594,
128.5043

■ 0.1173, 0.9316,
0.7940

■ 125.0690,
155.5617, 162.5876

■ 0.0000, 0.0000,
0.0000

156.9693,

192.9305, 202.2202

193.8791,
235.8503, 247.8206

■ 18.4083, 26.3929,
26.6784

■ 18.4083, 26.3929,
26.6784

■ 17.2107, 25.8058,
25.2845

■ 19.9025, 27.1331,
28.1356

■ 16.2842, 25.3568,
23.9504

■ 21.7116, 28.0340,
29.6556

■ 15.6030, 25.0331,
22.6750

■ 23.8552, 29.1062,
31.2404

■ 15.1288, 24.8151,
21.4560

■ 26.3505, 30.3587,
32.8914

■ 14.9673, 24.7418,
20.9976

■ 29.2137, 31.7996,
34.6097

■ 32.4596, 33.4368,
36.3965

■ 36.1026, 35.2775,
38.2528

■ 40.1562, 37.3287,
40.1799

■ 44.6330, 39.5970,
42.1786

Harmonies

Analogous

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



19.5343, 26.3929, 18.0421



18.4083, 26.3929, 26.6784



18.9172, 26.3929, 38.3883

Triad

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



18.4083, 26.3929, 26.6784



28.2613, 26.3929, 52.7573



29.6657, 26.3929, 14.7144

Complementary

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



18.4083, 26.3929, 26.6784



17.3887, 11.8247, 10.8179

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.



32.4674, 26.3929, 20.8568



18.4083, 26.3929, 26.6784



31.6002, 26.3929, 42.9944

Square

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



18.4083, 26.3929, 26.6784



24.3560, 26.3929, 55.4641



33.2092, 26.3929, 30.8997



25.8297, 26.3929, 12.3650

Rectangle

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



18.4083, 26.3929, 26.6784



20.1448, 26.3929, 46.2613



33.2092, 26.3929, 30.8997



30.7747, 26.3929, 16.3138

Sweetspot

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



18.4090, 26.3939, 26.6790



46.6172, 54.0795, 58.5406



16.9577, 26.0223, 9.5982



10.3576, 12.1432, 13.1257



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.4090, 26.3939, 26.6790



30.4199, 46.0180, 44.7505



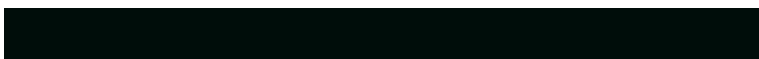
16.7229, 20.4400, 34.0755



6.3208, 7.0010, 7.6128



12.0367, 19.8781, 16.9459



0.1937, 0.3027, 0.3260

Inverse Universe

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



17.3887, 11.8247, 10.8179



28.4398, 17.3345, 13.6664



18.1969, 14.6569, 7.3392



6.2669, 6.2459, 6.7856



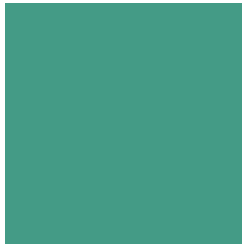
11.1441, 5.7119, 2.0176



0.1792, 0.0904, 0.0964

Previews

White Background



This preview shows how the XYZ color 18.4083, 26.3929, 26.6784 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 18.4083, 26.3929, 26.6784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

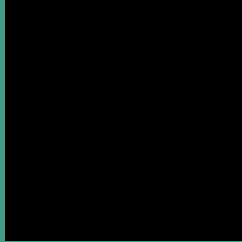
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.4083, 26.3929, 26.6784

Background



This preview shows how black text looks on a background with the XYZ color 18.4083, 26.3929, 26.6784.

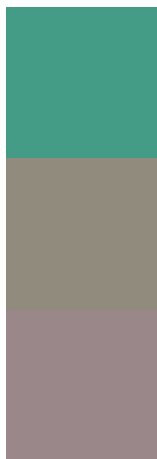


This preview shows how white text looks on a background with the XYZ color 18.4083, 26.3929,

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

18.4083, 26.3929, 26.6784

Protanopia

24.6113, 25.9656, 23.1168

Deuteranopia

26.3883, 25.9352, 27.6599



Tritanopia

20.8194, 26.3973, 38.6482

Trichromacy



Original Color

18.4083, 26.3929, 26.6784

Protanomaly

21.3578, 25.5912, 24.2360

Deuteranomaly

22.2144, 25.2897, 27.3775

Tritanomaly

19.7198, 26.1793, 33.7195

Monochromacy



Original Color

18.4083, 26.3929, 26.6784

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.9188, 22.5672, 24.4779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4083, 26.3929, 26.6784 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(68, 155, 134)` looks like.

```
.text, #text, p{  
    color:rgb(68, 155, 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(68, 155, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 155, 134) }
```

Border

The CSS property to change the border of an element to XYZ 18.4083, 26.3929, 26.6784 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(68, 155, 134) }
```


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

```
.border{ border-color:rgb(68, 155, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 155, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 155, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 155, 134);  
box-shadow:4px 4px 4px 4px rgb(68, 155,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4083, 26.3929, 26.6784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 155, 134) }
```

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

```
.background{ background-color: rgb(68, 155,  
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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