

Converting Colors

XYZ(18.5792, 26.1853, 33.5285)

Have a look what the booklet for
XYZ(18.5792, 26.1853, 33.5285)
contains.

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Color

**XYZ(18.4569, 26.0237,
33.3284)**

Conversions

Conversions Part 1

Format	Color
Hex	329A97
RGB	50, 154, 151
RGB Percent	20%, 60%, 59%
CMY	0.8039, 0.3961, 0.4078
CMYK	0.68, 0.00, 0.02, 0.40
HSL	178°, 51%, 40%
HSV	178°, 68%, 60%
XYZ	18.4569, 26.0237, 33.3284
YIQ	122.5620, -61.0210, -22.9810

Conversions

Conversions Part 2

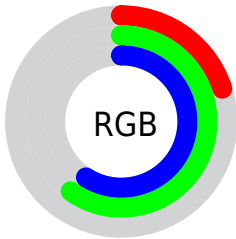
Format	Color
R_{YB}	50, 103, 154
Decimal	3316375
CIE _{Lab}	58.06, -29.68, -7.10
CIE _{LCh}	58, 30.518, 193.450
Yxy	26.0237, 0.2372, 0.3345
Android (android.graphics.Color)	4281506455 (0xFF329A97)
YUV	122.5620, 14.0199, -63.6369
Hunter-Lab	51.0134, -24.6914, -3.0263

Details

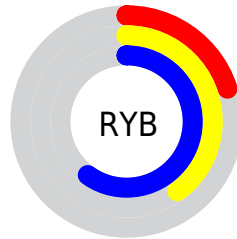
The XYZ color **18.4569, 26.0237, 33.3284** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.1105, 9.4091, 4.3887**, and the grayscale version is **18.6533, 19.6247, 21.3713**.

A 20% lighter version of the original color is **40.3755, 53.3882, 65.9346**, and **7.0516, 10.4228, 13.6967** is the 20% darker color. If you saturate the color by 10%, you get **17.7858, 25.6825, 33.1095**, and if you desaturate by 10%, it is **19.3851, 26.4986, 33.5612**.

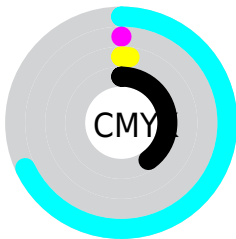
Distribution



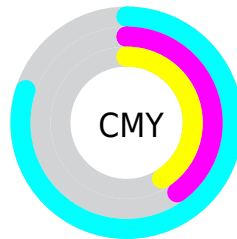
- Red (20%)
- Green (60%)
- Blue (59%)



- Red (20%)
- Yellow (40%)
- Blue (60%)



- Cyan (68%)
- Magenta (0%)
- Yellow (2%)
- Black (40%)



- Cyan (80%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4569, 26.0237, 33.3284 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 18.4569, 26.0237, 33.3284 by changing the saturation by 10% instead.

■ 18.4569, 26.0237,
33.3284

■ 18.4569, 26.0237,
33.3284

236.4300,
282.8984, 331.8042

■ 11.3802, 16.8414,
22.1050

■ 40.3384, 53.3132,
66.0098

■ 6.3923, 10.1215,
13.7350

■ 55.8738, 72.1891,
88.3049

■ 3.1280, 5.4796,
7.7999

■ 74.9595, 95.0650,
115.1276

■ 1.2218, 2.5313,
3.8813

■ 97.9609, 122.3254,
146.8964

■ 0.1235, 0.8923,
1.5604

■ 125.2433,
154.3545, 184.0299

■ 0.0000, 0.0000,
0.2624

157.1720,

■ 0.0000, 0.0000,

191.5367, 226.9467

0.0000

194.1125,
234.2566, 276.0653

■ 18.4569, 26.0237,
33.3284

■ 18.4569, 26.0237,
33.3284

■ 17.7858, 25.6825,
33.1095

■ 19.3851, 26.4986,
33.5612

■ 17.3426, 25.4582,
32.9013

■ 20.5912, 27.1162,
33.8072

■ 17.0819, 25.3279,
32.7025

■ 22.0966, 27.8880,
34.0679

■ 17.0255, 25.2998,
32.6538

■ 23.9197, 28.8236,
34.3442

■ 26.0777, 29.9319,
34.6368

■ 28.5864, 31.2209,
34.9466

■ 31.4608, 32.6985,
35.2742

■ 34.7148, 34.3716,
35.6203

■ 38.3616, 36.2474,
35.9855

Harmonies

Analogous

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



18.5388, 26.0237, 22.9330



18.4569, 26.0237, 33.3284



19.9338, 26.0237, 44.7299

Triad

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



18.4569, 26.0237, 33.3284



29.9412, 26.0237, 45.7922



26.8111, 26.0237, 12.9814

Complementary

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



18.4569, 26.0237, 33.3284



15.1105, 9.4091, 4.3887

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.



30.2506, 26.0237, 16.5340



18.4569, 26.0237, 33.3284



32.1771, 26.0237, 34.5258

Square

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



18.4569, 26.0237, 33.3284



26.4217, 26.0237, 53.0439



32.2956, 26.0237, 23.8677



23.1212, 26.0237, 12.8130

Rectangle

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



18.4569, 26.0237, 33.3284



21.6974, 26.0237, 50.6721



32.2956, 26.0237, 23.8677



28.0431, 26.0237, 13.7699

Sweetspot

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



18.4577, 26.0247, 33.3290



46.1808, 53.7607, 62.7626



13.6250, 24.1121, 6.9542



10.2174, 12.0476, 14.1743



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.



18.4577, 26.0247, 33.3290



31.8496, 46.4201, 59.9489



12.2483, 13.2107, 32.4773



6.3769, 7.0235, 7.9081



13.8730, 20.6126, 26.6154



0.2095, 0.3090, 0.4088

Inverse Universe

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



15.1105, 9.4091, 4.3887



25.3463, 14.0582, 3.6617



18.3209, 15.9369, 5.1287



6.2157, 6.2254, 6.5158



10.8796, 5.6061, 0.6249



0.1643, 0.0845, 0.0182

Previews

White Background



This preview shows how the XYZ color 18.4569, 26.0237, 33.3284 looks on a white background.

Color Contrast Check

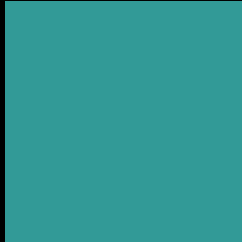
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4569, 26.0237, 33.3284 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 18.4569, 26.0237, 33.3284

Background



This preview shows how black text looks on a background with the XYZ color 18.4569, 26.0237, 33.3284.

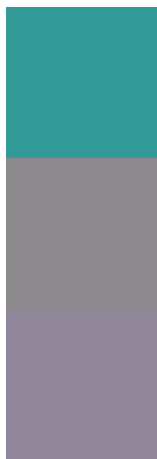


This preview shows how white text looks on a background with the XYZ color 18.4569, 26.0237,

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

18.4569, 26.0237, 33.3284

Protanopia

24.7114, 25.6755, 28.8527

Deuteranopia

26.0820, 25.6238, 34.5816



Tritanopia

19.6164, 26.0067, 39.1079

Trichromacy



Original Color

18.4569, 26.0237, 33.3284

Protanomaly

21.1475, 25.1167, 30.5215

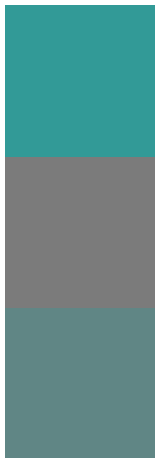
Deuteranomaly

21.9361, 24.9941, 34.2400

Tritanomaly

19.1706, 26.0699, 36.8225

Monochromacy



Original Color

18.4569, 26.0237, 33.3284

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.5826, 21.2304, 25.3615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4569, 26.0237, 33.3284 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(50, 154, 151)` looks like.

```
.text, #text, p{  
    color:rgb(50, 154, 151)  
}
```

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(50, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 154, 151) }
```

Border

The CSS property to change the border of an element to XYZ 18.4569, 26.0237, 33.3284 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(50, 154, 151) }
```


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

```
.border{ border-color:rgb(50, 154, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 154, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(50, 154,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4569, 26.0237, 33.3284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 154, 151) }
```

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

```
.background{ background-color: rgb(50, 154,  
151) }
```

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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