

Converting Colors

XYZ(18.5573, 26.7955, 34.3192)

Have a look what the booklet for
XYZ(18.5573, 26.7955, 34.3192)
contains.

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Color

**XYZ(18.5697, 26.8072,
34.3326)**

Conversions

Conversions Part 1

Format	Color
Hex	259D99
RGB	37, 157, 153
RGB Percent	15%, 62%, 60%
CMY	0.8549, 0.3843, 0.4000
CMYK	0.76, 0.00, 0.03, 0.38
HSL	178°, 62%, 38%
HSV	178°, 76%, 62%
XYZ	18.5697, 26.8072, 34.3326
YIQ	120.6640, -70.2360, -26.6840

Conversions

Conversions Part 2

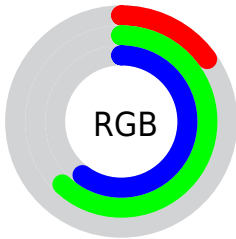
Format	Color
RYB	37, 98, 157
Decimal	2465177
CIELab	58.80, -32.26, -7.17
CIElCh	59, 33.051, 192.529
Yxy	26.8072, 0.2330, 0.3363
Android (android.graphics.Color)	4280655257 (0xFF259D99)
YUV	120.6640, 15.9416, -73.3733
Hunter-Lab	51.7757, -26.5872, -3.0724

Details

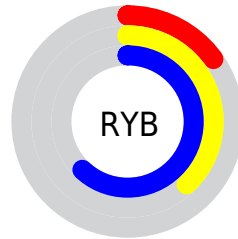
The XYZ color **18.5697, 26.8072, 34.3326** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **14.9673, 8.6521, 2.9798**, and the grayscale version is **18.0332, 18.9723, 20.6609**.

A 20% lighter version of the original color is **40.5149, 54.5350, 67.4224**, and **7.4498, 11.0625, 14.3130** is the 20% darker color. If you saturate the color by 10%, you get **18.0799, 26.5603, 34.0850**, and if you desaturate by 10%, it is **19.3035, 27.1811, 34.5938**.

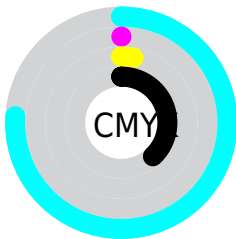
Distribution



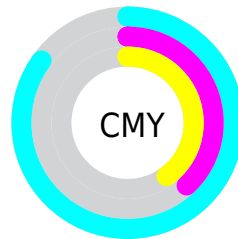
- Red (15%)
- Green (62%)
- Blue (60%)



- Red (15%)
- Yellow (38%)
- Blue (62%)



- Cyan (76%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)



- Cyan (85%)
- Magenta (38%)
- Yellow (40%)
- Black (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5697, 26.8072, 34.3326 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 18.5697, 26.8072, 34.3326 by changing the saturation by 10% instead.

■ 18.5697, 26.8072,
34.3326

■ 18.5697, 26.8072,
34.3326

237.0468,
286.7224, 336.4269

■ 11.4619, 17.4285,
22.8698

■ 40.5282, 54.5743,
67.5904

■ 6.4480, 10.5405,
14.2930

■ 56.1097, 73.7315,
90.2224

■ 3.1626, 5.7587,
8.1837

■ 75.2465, 96.9170,
117.4146

■ 1.2403, 2.6989,
4.1232

■ 98.3038, 124.5152,
149.5855

■ 0.1379, 0.9767,
1.6932

■ 125.6472,
156.9104, 187.1536

■ 0.0000, 0.0000,
0.3561

■ 157.6419,

■ 0.0000, 0.0000,

194.4871, 230.5375

0.0000

194.6534,
237.6296, 280.1558

■ 18.5697, 26.8072,
34.3326

■ 18.5697, 26.8072,
34.3326

■ 18.0799, 26.5603,
34.0850

■ 19.3035, 27.1811,
34.5938

■ 17.7913, 26.4165,
33.8472

■ 20.3066, 27.6932,
34.8680

■ 17.7058, 26.3742,
33.7634

■ 21.6038, 28.3568,
35.1569

■ 23.2162, 29.1830,
35.4616

■ 25.1633, 30.1817,
35.7830

■ 27.4628, 31.3620,
36.1218

■ 30.1311, 32.7324,
36.4789

■ 33.1839, 34.3010,
36.8550

■ 36.6356, 36.0753,
37.2507

Harmonies

Analogous

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



18.7117, 26.8072, 22.9557



18.5697, 26.8072, 34.3326



20.1298, 26.8072, 47.1388

Triad

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



18.5697, 26.8072, 34.3326



31.1521, 26.8072, 49.0480



27.9053, 26.8072, 12.5881

Complementary

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



18.5697, 26.8072, 34.3326



14.9673, 8.6521, 2.9798

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.



31.7017, 26.8072, 16.4945



18.5697, 26.8072, 34.3326



33.7091, 26.8072, 36.4583

Square

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



18.5697, 26.8072, 34.3326



27.2174, 26.8072, 57.0353



33.9203, 26.8072, 24.5857



23.8170, 26.8072, 12.3043

Rectangle

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



18.5697, 26.8072, 34.3326



22.0327, 26.8072, 53.9718



33.9203, 26.8072, 24.5857



29.2681, 26.8072, 13.4611

Sweetspot

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



18.5705, 26.8082, 34.3332



46.2254, 54.6468, 64.2593



13.3880, 24.7622, 5.8249



9.8838, 11.8770, 14.0957



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.



18.5705, 26.8082, 34.3332



31.9753, 47.3640, 60.7268



11.7000, 12.5293, 33.7012



6.8123, 7.5057, 8.4461



14.3827, 21.4210, 27.4359



0.2598, 0.3841, 0.5046

Inverse Universe

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



14.9673, 8.6521, 2.9798



25.2424, 13.2777, 2.0211



17.9807, 14.7851, 3.6570



6.6416, 6.6495, 6.9637



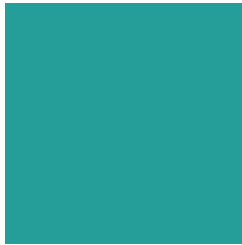
11.3192, 5.8322, 0.6659



0.2047, 0.1052, 0.0242

Previews

White Background



This preview shows how the XYZ color 18.5697, 26.8072, 34.3326 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 18.5697, 26.8072, 34.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

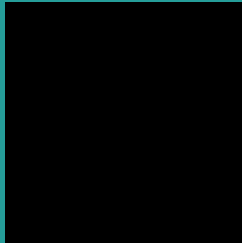
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.5697, 26.8072, 34.3326

Background



This preview shows how black text looks on a background with the XYZ color 18.5697, 26.8072, 34.3326.

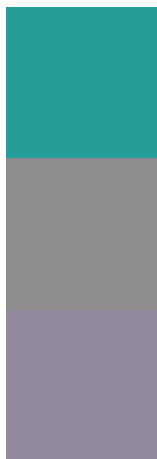


This preview shows how white text looks on a background with the XYZ color 18.5697, 26.8072,

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

18.5697, 26.8072, 34.3326

Protanopia

25.4913, 26.4901, 29.7562

Deuteranopia

26.8855, 26.4366, 35.5840



Tritanopia

19.8687, 26.8370, 40.6921

Trichromacy



Original Color

18.5697, 26.8072, 34.3326

Protanomaly

21.2543, 25.6074, 31.4263

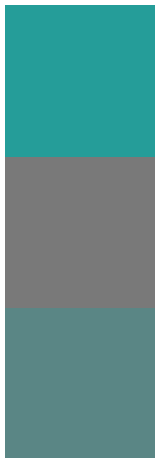
Deuteranomaly

21.9179, 25.4110, 35.2021

Tritanomaly

19.4063, 26.8992, 38.3517

Monochromacy



Original Color

18.5697, 26.8072, 34.3326

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

16.9752, 20.9173, 25.3331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5697, 26.8072, 34.3326 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(37, 157, 153)` looks like.

```
.text, #text, p{  
  color:rgb(37, 157, 153)  
}
```

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(37, 157, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 157, 153) }
```

Border

The CSS property to change the border of an element to XYZ 18.5697, 26.8072, 34.3326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

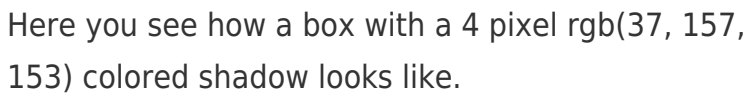
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(37, 157, 153) }
```


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

```
.border{ border-color:rgb(37, 157, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(37, 157, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(37, 157, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(37, 157, 153); box-shadow:4px 4px 4px 4px rgb(37, 157, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5697, 26.8072, 34.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 157, 153) }
```

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

```
.background{ background-color: rgb(37, 157,  
153) }
```

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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