

Converting Colors

XYZ(18.7191, 26.0191, 35.0464)

Have a look what the booklet for
XYZ(18.7191, 26.0191, 35.0464)
contains.

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Color

**XYZ(18.7874, 26.1559,
35.0687)**

Conversions

Conversions Part 1

Format	Color
Hex	329A9B
RGB	50, 154, 155
RGB Percent	20%, 60%, 61%
CMY	0.8039, 0.3961, 0.3922
CMYK	0.68, 0.01, 0.00, 0.39
HSL	181°, 51%, 40%
HSV	181°, 68%, 61%
XYZ	18.7874, 26.1559, 35.0687
YIQ	123.0180, -62.3050, -21.7370

Conversions

Conversions Part 2

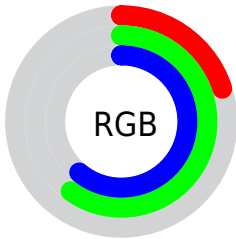
Format	Color
RYB	50, 102, 155
Decimal	3316379
CIELab	58.18, -28.50, -9.19
CIElCh	58, 29.947, 197.868
Yxy	26.1559, 0.2348, 0.3269
Android (android.graphics.Color)	4281506459 (0xFF329A9B)
YUV	123.0180, 15.7671, -64.0368
Hunter-Lab	51.1428, -23.9277, -4.8552

Details

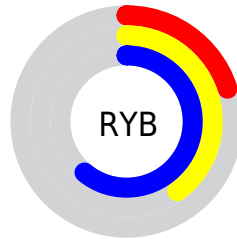
The XYZ color **18.7874, 26.1559, 35.0687** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.2776, 9.5671, 4.0597**, and the grayscale version is **18.7980, 19.7769, 21.5371**.

A 20% lighter version of the original color is **40.8646, 53.5839, 68.5105**, and **7.2501, 10.5022, 14.7417** is the 20% darker color. If you saturate the color by 10%, you get **18.1247, 25.7787, 35.0313**, and if you desaturate by 10%, it is **19.7105, 26.6685, 35.1195**.

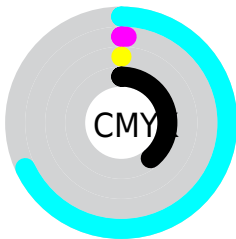
Distribution



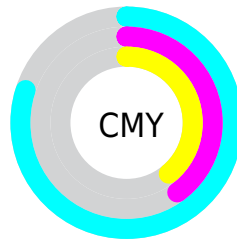
- Red (20%)
- Green (60%)
- Blue (61%)



- Red (20%)
- Yellow (40%)
- Blue (61%)



- Cyan (68%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (80%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7874, 26.1559, 35.0687 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 18.7874, 26.1559, 35.0687 by changing the saturation by 10% instead.

■ 18.7874, 26.1559,
35.0687

■ 18.7874, 26.1559,
35.0687

238.2333,
283.5465, 339.7849

■ 11.6199, 16.9403,
23.4318

■ 40.8942, 53.5263,
68.7450

■ 6.5557, 10.1919,
14.7044

■ 56.5642, 72.4500,
91.6214

■ 3.2297, 5.5264,
8.4679

■ 75.7990, 95.3784,
119.0815

■ 1.2764, 2.5593,
4.3037

■ 98.9640, 122.6961,
151.5437

■ 0.1654, 0.9063,
1.7934

■ 126.4246,
154.7873, 189.4266

■ 0.0000, 0.0000,
0.4236

158.5461,

■ 0.0000, 0.0000,

192.0365, 233.1488

0.0000

195.6939,
234.8282, 283.1287

■ 18.7874, 26.1559,
35.0687

■ 18.7874, 26.1559,
35.0687

■ 18.1247, 25.7787,
35.0313

■ 19.7105, 26.6685,
35.1195

■ 17.6926, 25.5199,
35.0041

■ 20.9151, 27.3257,
35.1828

■ 17.4435, 25.3555,
34.9855

■ 22.4230, 28.1392,
35.2604

■ 17.3942, 25.3219,
34.9816

■ 24.2530, 29.1189,
35.3530

■ 26.4226, 30.2737,
35.4616

■ 28.9479, 31.6119,
35.5868

■ 31.8440, 33.1413,
35.7293

■ 35.1252, 34.8693,
35.8899

■ 38.8050, 36.8028,
36.0692

Harmonies

Analogous

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



18.6377, 26.1559, 24.4787



18.7874, 26.1559, 35.0687



20.4629, 26.1559, 46.0396

Triad

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



18.7874, 26.1559, 35.0687



30.4085, 26.1559, 44.1171



26.3574, 26.1559, 13.0571

Complementary

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



18.7874, 26.1559, 35.0687



15.2776, 9.5671, 4.0597

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.



29.8467, 26.1559, 16.0710



18.7874, 26.1559, 35.0687



32.3337, 26.1559, 32.8937

Square

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



18.7874, 26.1559, 35.0687



27.0657, 26.1559, 52.0766



32.1186, 26.1559, 22.7718



22.7782, 26.1559, 13.3677

Rectangle

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



18.7874, 26.1559, 35.0687



22.3207, 26.1559, 51.3191



32.1186, 26.1559, 22.7718



27.5858, 26.1559, 13.6774

Sweetspot

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



18.7882, 26.1569, 35.0693



46.2281, 53.6364, 63.4527



13.6131, 24.3516, 7.0012



10.2295, 12.0159, 14.3505



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.



18.7882, 26.1569, 35.0693



32.0359, 45.9170, 62.7107



12.0332, 12.6469, 32.8177



6.3796, 7.0165, 7.9470



13.9726, 20.3418, 28.0976



0.2103, 0.3069, 0.4205

Inverse Universe

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



20.4916, 11.5836, 31.7288



35.3239, 18.0493, 56.2033



18.8946, 16.8010, 5.2654



6.4587, 6.3226, 7.7956



15.5115, 7.4588, 25.0162



0.2326, 0.1118, 0.3777

Previews

White Background



This preview shows how the XYZ color 18.7874, 26.1559, 35.0687 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 18.7874, 26.1559, 35.0687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

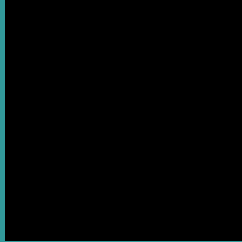
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.7874, 26.1559, 35.0687

Background



This preview shows how black text looks on a background with the XYZ color 18.7874, 26.1559, 35.0687.

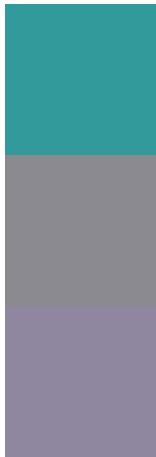


This preview shows how white text looks on a background with the XYZ color 18.7874, 26.1559,

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

18.7874, 26.1559, 35.0687

Protanopia

25.0145, 25.7967, 30.4489

Deuteranopia

26.2497, 25.6708, 36.3723



Tritanopia

19.5953, 25.9853, 39.5802

Trichromacy



Original Color

18.7874, 26.1559, 35.0687

Protanomaly

21.4615, 25.2422, 32.1749

Deuteranomaly

22.1512, 25.0658, 36.0184

Tritanomaly

19.2925, 26.1126, 37.7416

Monochromacy



Original Color

18.7874, 26.1559, 35.0687

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.7221, 21.2863, 26.0963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7874, 26.1559, 35.0687 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(50, 154, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 154, 155) }
```

Border

The CSS property to change the border of an element to XYZ 18.7874, 26.1559, 35.0687 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, 155) }
```


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

```
.border{ border-color:rgb(50, 154, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 154, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 154, 155);  
box-shadow:4px 4px 4px 4px rgb(50, 154,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7874, 26.1559, 35.0687 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, 155) }
```

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

```
.background{ background-color: rgb(50, 154,  
155) }
```

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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