

Converting Colors

XYZ(19.4024, 26.3990, 27.3655)

Have a look what the booklet for
XYZ(19.4024, 26.3990, 27.3655)
contains.

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Color

**XYZ(19.4024, 26.3990,
27.3655)**

Conversions

Conversions Part 1

Format	Color
Hex	539988
RGB	83, 153, 136
RGB Percent	33%, 60%, 53%
CMY	0.6745, 0.4000, 0.4667
CMYK	0.46, 0.00, 0.11, 0.40
HSL	165°, 30%, 46%
HSV	165°, 46%, 60%
XYZ	19.4024, 26.3990, 27.3655
YIQ	130.1320, -36.2630, -20.1270

Conversions

Conversions Part 2

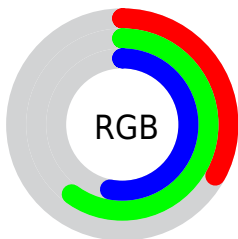
Format	Color
RYB	83, 123, 153
Decimal	5478792
CIELab	58.41, -26.35, 2.08
CIElCh	58, 26.429, 175.476
Yxy	26.3990, 0.2652, 0.3608
Android (android.graphics.Color)	4283668872 (0xFF539988)
YUV	130.1320, 2.8929, -41.3348
Hunter-Lab	51.3800, -22.5087, 4.3875

Details

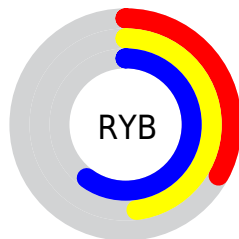
The XYZ color **19.4024, 26.3990, 27.3655** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.5312, 13.8795, 13.7597**, and the grayscale version is **21.2646, 22.3720, 24.3632**.

A 20% lighter version of the original color is **41.8945, 54.0201, 56.3630**, and **6.8123, 10.2261, 10.4189** is the 20% darker color. If you saturate the color by 10%, you get **17.9392, 25.6754, 25.9426**, and if you desaturate by 10%, it is **21.1741, 27.2820, 28.8518**.

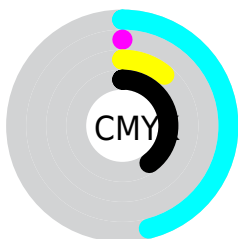
Distribution



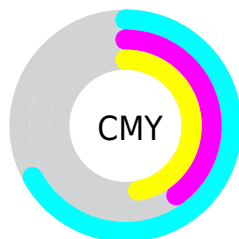
- Red (33%)
- Green (60%)
- Blue (53%)



- Red (33%)
- Yellow (48%)
- Blue (60%)



- Cyan (46%)
- Magenta (0%)
- Yellow (11%)
- Black (40%)



- Cyan (67%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4024, 26.3990, 27.3655 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 19.4024, 26.3990, 27.3655 by changing the saturation by 10% instead.

■ 19.4024, 26.3990,
27.3655

■ 19.4024, 26.3990,
27.3655

241.5570,
284.7353, 303.2384

■ 12.0671, 17.1224,
17.6131

■ 41.9246, 53.9179,
56.4807

■ 6.8619, 10.3218,
10.5060

■ 57.8422, 72.9290,
76.6805

■ 3.4215, 5.6128,
5.6257

■ 77.3514, 95.9537,
101.1998

■ 1.3804, 2.6111,
2.5538

■ 100.8174,
123.3765, 130.4572

■ 0.2422, 0.9323,
0.8685

■ 128.6056,
155.5816, 164.8713

■ 0.0000, 0.0000,
0.0000

161.0813,

192.9535, 204.8604

198.6100,
235.8766, 250.8433

■ 19.4024, 26.3990,
27.3655

■ 19.4024, 26.3990,
27.3655

■ 17.9392, 25.6754,
25.9426

■ 21.1741, 27.2820,
28.8518

■ 16.7625, 25.0977,
24.5799

■ 23.2703, 28.3305,
30.4009

■ 15.8506, 24.6555,
23.2765


■ 25.7084, 29.5541,
32.0148


■ 15.1778, 24.3355,
22.0306


■ 28.5037, 30.9609,
33.6947


■ 14.7088, 24.1196,
20.8400


■ 31.6711, 32.5584,
35.4415

 14.5349, 24.0406,
20.3492

 35.2240, 34.3535,
37.2566

 39.1756, 36.3530,
39.1408

 43.5383, 38.5633,
41.0952

 48.3239, 40.9905,
43.1209

Harmonies

Analogous

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



20.3205, 26.3990, 19.8063



19.4024, 26.3990, 27.3655



19.8984, 26.3990, 37.0814

Triad

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



19.4024, 26.3990, 27.3655



27.8549, 26.3990, 47.9469



28.7734, 26.3990, 16.4525

Complementary

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



19.4024, 26.3990, 27.3655



18.5312, 13.8795, 13.7597

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.



31.1176, 26.3990, 21.7606



19.4024, 26.3990, 27.3655



30.5562, 26.3990, 40.0324

Square

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



19.4024, 26.3990, 27.3655



24.6054, 26.3990, 50.3369



31.7963, 26.3990, 30.1681



25.5839, 26.3990, 14.4237

Rectangle

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



19.4024, 26.3990, 27.3655



20.9887, 26.3990, 43.3592



31.7963, 26.3990, 30.1681



29.6967, 26.3990, 17.8486

Sweetspot

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



19.4031, 26.4001, 27.3661



46.7364, 53.2767, 57.7689



18.2643, 26.1460, 12.2680



10.1130, 11.6600, 12.6262



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.4031, 26.4001, 27.3661



32.0471, 45.9410, 46.3749



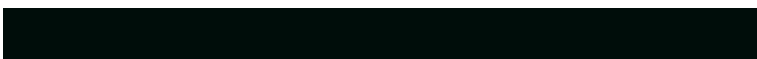
18.0517, 21.6076, 33.3574



6.3204, 7.0009, 7.6107



12.0259, 19.8738, 16.8889



0.1936, 0.3027, 0.3254

Inverse Universe

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



18.5312, 13.8795, 13.7597



30.2979, 20.6202, 18.9289



19.3043, 16.6081, 10.3722



6.2673, 6.2461, 6.7875



11.1470, 5.7131, 2.0334



0.1793, 0.0905, 0.0969

Previews

White Background



This preview shows how the XYZ color 19.4024, 26.3990, 27.3655 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 19.4024, 26.3990, 27.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

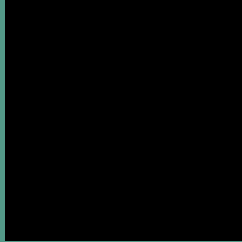
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.4024, 26.3990, 27.3655

Background



This preview shows how black text looks on a background with the XYZ color 19.4024, 26.3990, 27.3655.

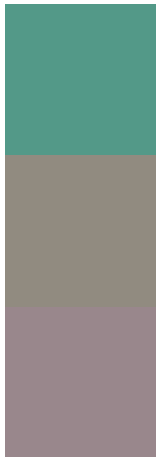


This preview shows how white text looks on a background with the XYZ color 19.4024, 26.3990,

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

19.4024, 26.3990, 27.3655

Protanopia

24.8060, 26.0435, 24.1416

Deuteranopia

26.5345, 25.9937, 28.4297



Tritanopia

21.3969, 26.2418, 37.6556

Trichromacy



Original Color

19.4024, 26.3990, 27.3655

Protanomaly

22.0960, 25.7228, 25.2731

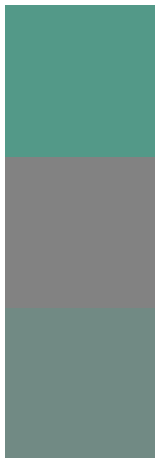
Deuteranomaly

23.2353, 25.7993, 28.1812

Tritanomaly

20.5043, 26.1059, 33.6640

Monochromacy



Original Color

19.4024, 26.3990, 27.3655

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.0634, 23.3536, 25.2800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4024, 26.3990, 27.3655 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(83, 153, 136)` looks like.

```
.text, #text, p{  
    color:rgb(83, 153, 136)  
}
```

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(83, 153, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 153, 136) }
```

Border

The CSS property to change the border of an element to XYZ 19.4024, 26.3990, 27.3655 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(83, 153, 136) }
```


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

```
.border{ border-color:rgb(83, 153, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 153, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 153, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 153, 136);  
box-shadow:4px 4px 4px 4px rgb(83, 153,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4024, 26.3990, 27.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 153, 136) }
```

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

```
.background{ background-color: rgb(83, 153,  
136) }
```

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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