

Converting Colors

XYZ(19.1315, 26.4991, 38.7568)

Have a look what the booklet for
XYZ(19.1315, 26.4991, 38.7568)
contains.

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Color

**XYZ(19.1315, 26.4991,
38.7568)**

Conversions

Conversions Part 1

Format	Color
Hex	269BA3
RGB	38, 155, 163
RGB Percent	15%, 61%, 64%
CMY	0.8509, 0.3921, 0.3608
CMYK	0.77, 0.05, 0.00, 0.36
HSL	184°, 62%, 39%
HSV	184°, 77%, 64%
XYZ	19.1315, 26.4991, 38.7568
YIQ	120.9290, -72.3000, -22.3160

Conversions

Conversions Part 2

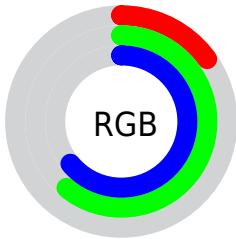
Format	Color
R_{YB}	38, 98, 163
Decimal	2530211
CIE _{Lab}	58.51, -28.13, -13.28
CIE _{LCh}	59, 31.104, 205.271
Yxy	26.4991, 0.2267, 0.3140
Android (android.graphics.Color)	4280720291 (0xFF269BA3)
YUV	120.9290, 20.7410, -72.7287
Hunter-Lab	51.4773, -23.7458, -8.6048

Details

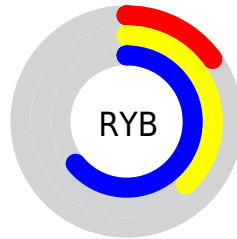
The XYZ color **19.1315, 26.4991, 38.7568** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.4317, 9.8812, 2.8756**, and the grayscale version is **18.1040, 19.0468, 20.7420**.

A 20% lighter version of the original color is **41.5272, 54.1584, 74.5946**, and **7.7195, 10.8482, 16.7260** is the 20% darker color. If you saturate the color by 10%, you get **18.4843, 25.9094, 38.6776**, and if you desaturate by 10%, it is **20.0450, 27.2294, 38.8501**.

Distribution



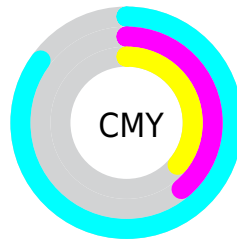
- Red (15%)
- Green (61%)
- Blue (64%)



- Red (15%)
- Yellow (38%)
- Blue (64%)



- Cyan (77%)
- Magenta (5%)
- Yellow (0%)
- Black (36%)



- Cyan (85%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1315, 26.4991, 38.7568 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 19.1315, 26.4991, 38.7568 by changing the saturation by 10% instead.

■ 19.1315, 26.4991,
38.7568

■ 19.1315, 26.4991,
38.7568

240.0980,
285.2236, 356.2504

■ 11.8699, 17.1974,
26.2642

■ 41.4713, 54.0790,
74.4829

■ 6.7267, 10.3753,
16.7939

■ 57.2803, 73.1260,
98.5535

■ 3.3366, 5.6485,
9.9272

■ 76.6691, 96.1903,
127.3205

■ 1.3342, 2.6326,
5.2458

■ 100.0031,
123.6561, 161.2024

■ 0.2086, 0.9431,
2.3309

■ 127.6476,
155.9080, 200.6178

■ 0.0000, 0.0000,
0.7485

159.9680,

■ 0.0000, 0.0000,

193.3303, 245.9853

0.0000

197.3297,
236.3073, 297.7233

■ 19.1315, 26.4991,
38.7568

■ 19.1315, 26.4991,
38.7568

■ 18.4843, 25.9094,
38.6776

■ 20.0450, 27.2294,
38.8501

■ 18.0562, 25.4343,
38.6084

■ 21.2528, 28.1131,
38.9570

■ 17.9319, 25.2864,
38.5864

■ 22.7822, 29.1649,
39.0794

■ 24.6566, 30.3967,
39.2184

■ 26.8973, 31.8196,
39.3750

■ 29.5238, 33.4437,
39.5500

■ 32.5542, 35.2782,
39.7444

■ 36.0055, 37.3320,
39.9589

■ 39.8938, 39.6133,
40.1943

Harmonies

Analogous

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



18.5747, 26.4991, 27.1593



19.1315, 26.4991, 38.7568



21.2433, 26.4991, 49.7329

Triad

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



19.1315, 26.4991, 38.7568



31.6925, 26.4991, 42.5159



25.7948, 26.4991, 12.6006

Complementary

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



19.1315, 26.4991, 38.7568



16.4317, 9.8812, 2.8756

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.



29.5900, 26.4991, 14.8285



19.1315, 26.4991, 38.7568



33.2064, 26.4991, 30.6157

Square

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



19.1315, 26.4991, 38.7568



28.4416, 26.4991, 52.2586



32.4009, 26.4991, 20.7989



22.1899, 26.4991, 13.7472

Rectangle

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



19.1315, 26.4991, 38.7568



23.3714, 26.4991, 54.2400



32.4009, 26.4991, 20.7989



27.0934, 26.4991, 12.9593

Sweetspot

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



19.1323, 26.5001, 38.7574



49.6243, 57.8922, 70.6150



14.3565, 26.7908, 6.8228



10.7988, 12.7861, 15.8363



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.1323, 26.5001, 38.7574



32.5365, 45.7885, 69.1793



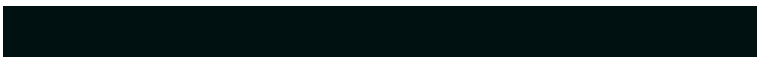
11.4360, 11.1074, 36.1920



7.2371, 7.9333, 9.0529



13.9489, 19.6772, 29.9927



0.3039, 0.4351, 0.6338

Inverse Universe

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



21.7144, 11.5400, 32.0944



37.5808, 18.4762, 55.7338



20.6866, 18.3909, 4.2939



7.3447, 7.1943, 8.8014



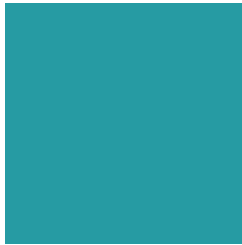
16.1862, 7.8305, 23.9690



0.3456, 0.1667, 0.5324

Previews

White Background



This preview shows how the XYZ color 19.1315, 26.4991, 38.7568 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 19.1315, 26.4991, 38.7568 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

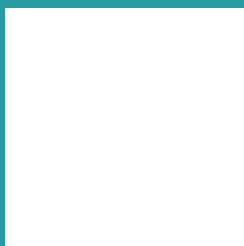
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1315, 26.4991, 38.7568

Background



This preview shows how black text looks on a background with the XYZ color 19.1315, 26.4991, 38.7568.

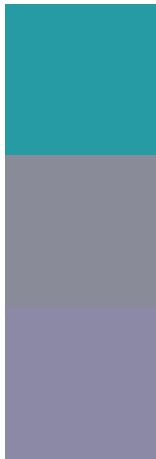


This preview shows how white text looks on a background with the XYZ color 19.1315, 26.4991,

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

19.1315, 26.4991, 38.7568

Protanopia

25.4636, 26.1684, 33.8459

Deuteranopia

26.7359, 26.2568, 40.2181



Tritanopia

19.4451, 26.3726, 40.6248

Trichromacy



Original Color

19.1315, 26.4991, 38.7568

Protanomaly

21.6907, 25.5099, 35.6790

Deuteranomaly

22.4497, 25.5833, 39.8312

Tritanomaly

19.3136, 26.3155, 40.1379

Monochromacy



Original Color

19.1315, 26.4991, 38.7568

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.1458, 20.7768, 26.3992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1315, 26.4991, 38.7568 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(38, 155, 163)` looks like.

```
.text, #text, p{  
    color:rgb(38, 155, 163)  
}
```

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(38, 155, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 155, 163) }
```

Border

The CSS property to change the border of an element to XYZ 19.1315, 26.4991, 38.7568 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(38, 155, 163) }
```


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

```
.border{ border-color:rgb(38, 155, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 155, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 155, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 155, 163);  
box-shadow:4px 4px 4px 4px rgb(38, 155,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1315, 26.4991, 38.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 155, 163) }
```

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

```
.background{ background-color: rgb(38, 155,  
163) }
```

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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