

Converting Colors

XYZ(19.3422, 26.7723, 38.6710)

Have a look what the booklet for
XYZ(19.3422, 26.7723, 38.6710)
contains.

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Color

**XYZ(19.4138, 26.8927,
38.8179)**

Conversions

Conversions Part 1

Format	Color
Hex	299CA3
RGB	41, 156, 163
RGB Percent	16%, 61%, 64%
CMY	0.8392, 0.3882, 0.3608
CMYK	0.75, 0.04, 0.00, 0.36
HSL	183°, 60%, 40%
HSV	183°, 75%, 64%
XYZ	19.4138, 26.8927, 38.8179
YIQ	122.4130, -70.7870, -22.2030

Conversions

Conversions Part 2

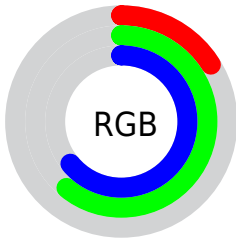
Format	Color
R_{YB}	41, 100, 163
Decimal	2727075
CIE _{Lab}	58.87, -28.28, -12.72
CIE _{LCh}	59, 31.005, 204.221
Yxy	26.8927, 0.2281, 0.3159
Android (android.graphics.Color)	4280917155 (0xFF299CA3)
YUV	122.4130, 20.0094, -71.3992
Hunter-Lab	51.8582, -23.9279, -8.0802




Details

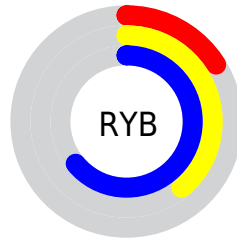
The XYZ color **19.4138, 26.8927, 38.8179** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.5621, 10.0614, 3.1678**, and the grayscale version is **18.5881, 19.5561, 21.2966**.




A 20% lighter version of the original color is **42.0126, 54.7763, 74.6883**, and **7.8196, 11.0483, 16.7593** is the 20% darker color. If you saturate the color by 10%, you get **18.7372, 26.3124, 38.7421**, and if you desaturate by 10%, it is **20.3624, 27.6161, 38.9080**.

Distribution







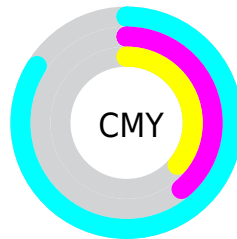
-  Red (16%)
-  Green (61%)
-  Blue (64%)






-  Red (16%)
-  Yellow (39%)
-  Blue (64%)



-  Cyan (75%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (36%)



-  Cyan (84%)
-  Magenta (39%)
-  Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4138, 26.8927, 38.8179 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 19.4138, 26.8927, 38.8179 by changing the saturation by 10% instead.

■ 19.4138, 26.8927,
38.8179

■ 19.4138, 26.8927,
38.8179

241.6182,
287.1372, 356.5185

■ 12.0754, 17.4927,
26.3114

■ 41.9437, 54.7116,
74.5773

■ 6.8676, 10.5864,
16.8289

■ 57.8658, 73.8993,
98.6673

■ 3.4251, 5.7894,
9.9519

■ 77.3800, 97.1183,
127.4555

■ 1.3823, 2.7175,
5.2619

■ 100.8516,
124.7531, 161.3604

■ 0.2436, 0.9861,
2.3403

■ 128.6458,
157.1879, 200.8006

■ 0.0000, 0.0000,
0.7537

161.1281,

■ 0.0000, 0.0000,

194.8073, 246.1947

0.0000

198.6638,
237.9956, 297.9611

■ 19.4138, 26.8927,
38.8179

■ 19.4138, 26.8927,
38.8179

■ 18.7372, 26.3124,
38.7421

■ 20.3624, 27.6161,
38.9080

■ 18.2936, 25.8535,
38.6768

■ 21.6102, 28.4951,
39.0119

■ 18.1088, 25.6401,
38.6454

■ 23.1837, 29.5437,
39.1314

■ 25.1060, 30.7740,
39.2675

■ 27.3981, 32.1966,
39.4213

■ 30.0790, 33.8216,
39.5937

■ 33.1668, 35.6581,
39.7854

■ 36.6782, 37.7148,
39.9973

■ 40.6292, 40.0000,
40.2302

Harmonies

Analogous

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



18.9096, 26.8927, 27.2080



19.4138, 26.8927, 38.8179



21.4910, 26.8927, 49.9495

Triad

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



19.4138, 26.8927, 38.8179



32.0151, 26.8927, 43.4301



26.3097, 26.8927, 12.9071

Complementary

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



19.4138, 26.8927, 38.8179



16.5621, 10.0614, 3.1678

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.



30.1143, 26.8927, 15.2838



19.4138, 26.8927, 38.8179



33.6129, 26.8927, 31.4579

Square

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



19.4138, 26.8927, 38.8179



28.7036, 26.8927, 53.0444



32.8848, 26.8927, 21.4509



22.6560, 26.8927, 13.9474

Rectangle

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



19.4138, 26.8927, 38.8179



23.6093, 26.8927, 54.6385



32.8848, 26.8927, 21.4509



27.6168, 26.8927, 13.3096

Sweetspot

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



19.4146, 26.8937, 38.8185



50.1699, 58.3349, 70.6717



14.5275, 26.8725, 7.1221



11.0076, 12.9426, 15.8555



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.



19.4146, 26.8937, 38.8185



32.9742, 46.5408, 69.3015



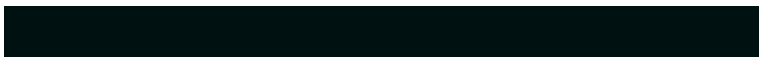
11.7000, 11.4645, 36.2470



7.2412, 7.9413, 9.0542



14.0851, 19.9497, 30.0381



0.3057, 0.4387, 0.6344

Inverse Universe

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



21.8987, 11.7735, 32.5718



37.8317, 18.6915, 56.7008



20.8785, 18.6940, 4.6066



7.3467, 7.1951, 8.8121



16.2550, 7.8581, 24.3312



0.3465, 0.1671, 0.5372

Previews

White Background



This preview shows how the XYZ color 19.4138, 26.8927, 38.8179 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 19.4138, 26.8927, 38.8179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

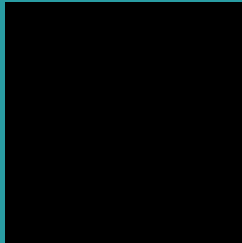
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.4138, 26.8927, 38.8179

Background



This preview shows how black text looks on a background with the XYZ color 19.4138, 26.8927, 38.8179.

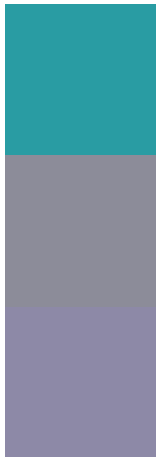


This preview shows how white text looks on a background with the XYZ color 19.4138, 26.8927,

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

19.4138, 26.8927, 38.8179

Protanopia

25.9431, 26.6315, 33.9100

Deuteranopia

26.9052, 26.3441, 40.2261



Tritanopia

19.8714, 26.8277, 41.1767

Trichromacy



Original Color

19.4138, 26.8927, 38.8179

Protanomaly

22.0736, 25.9351, 35.7409

Deuteranomaly

22.6819, 25.7029, 39.8421

Tritanomaly

19.6430, 26.7313, 40.2008

Monochromacy



Original Color

19.4138, 26.8927, 38.8179

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.5547, 21.1835, 26.8305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4138, 26.8927, 38.8179 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(41, 156, 163)` looks like.

```
.text, #text, p{  
    color:rgb(41, 156, 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(41, 156, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 156, 163) }
```

Border

The CSS property to change the border of an element to XYZ 19.4138, 26.8927, 38.8179 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(41, 156, 163) }
```


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

```
.border{ border-color:rgb(41, 156, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 156, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 156, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 156, 163);  
box-shadow:4px 4px 4px 4px rgb(41, 156,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4138, 26.8927, 38.8179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 156, 163) }
```

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

```
.background{ background-color: rgb(41, 156,  
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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