

Converting Colors

XYZ(19.1020, 25.7310, 39.5571)

Have a look what the booklet for
XYZ(19.1020, 25.7310, 39.5571)
contains.

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Color

**XYZ(19.1020, 25.7310,
39.5571)**

Conversions

Conversions Part 1

Format	Color
Hex	2D98A5
RGB	45, 152, 165
RGB Percent	18%, 60%, 65%
CMY	0.8235, 0.4039, 0.3529
CMYK	0.73, 0.08, 0.00, 0.35
HSL	186°, 57%, 41%
HSV	186°, 73%, 65%
XYZ	19.1020, 25.7310, 39.5571
YIQ	121.4890, -67.9450, -18.6410

Conversions

Conversions Part 2

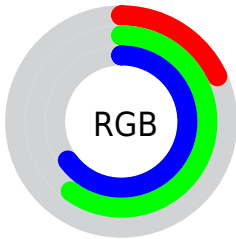
Format	Color
R_{YB}	45, 102, 165
Decimal	2988197
CIE _{Lab}	57.78, -25.15, -15.50
CIE _{LCh}	58, 29.539, 211.652
Yxy	25.7310, 0.2264, 0.3049
Android (android.graphics.Color)	4281178277 (0xFF2D98A5)
YUV	121.4890, 21.4509, -67.0809
Hunter-Lab	50.7257, -21.5515, -10.7277

Details

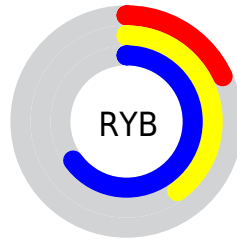
The XYZ color **19.1020, 25.7310, 39.5571** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.5045, 11.2159, 3.7258**, and the grayscale version is **18.2818, 19.2339, 20.9457**.

A 20% lighter version of the original color is **41.5378, 53.0442, 75.7594**, and **7.6343, 10.4996, 17.2470** is the 20% darker color. If you saturate the color by 10%, you get **18.2252, 24.8521, 39.4341**, and if you desaturate by 10%, it is **20.2685, 26.7668, 39.6960**.

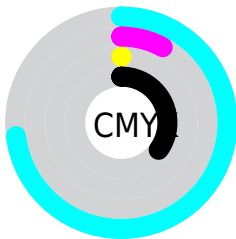
Distribution



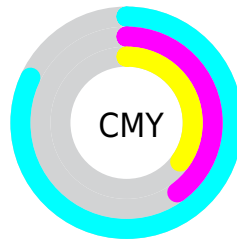
- Red (18%)
- Green (60%)
- Blue (65%)



- Red (18%)
- Yellow (40%)
- Blue (65%)



- Cyan (73%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (82%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1020, 25.7310, 39.5571 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 19.1020, 25.7310, 39.5571 by changing the saturation by 10% instead.

■ 19.1020, 25.7310,
39.5571

■ 19.1020, 25.7310,
39.5571

239.9386,
281.4591, 359.7497

■ 11.8484, 16.6225,
26.8822

■ 41.4219, 52.8407,
75.7183

■ 6.7120, 9.9657,
17.2531

■ 57.2190, 71.6106,
100.0417

■ 3.3274, 5.3762,
10.2513

■ 76.5946, 94.3699,
129.0851

■ 1.3292, 2.4697,
5.4581

■ 99.9142, 121.5028,
163.2669

■ 0.2049, 0.8614,
2.4551

■ 127.5430,
153.3938, 203.0057

■ 0.0000, 0.0000,
0.8162

159.8464,

■ 0.0000, 0.0000,

190.4272, 248.7201

0.0000

197.1899,
232.9875, 300.8286

■ 19.1020, 25.7310,
39.5571

■ 19.1020, 25.7310,
39.5571

■ 18.2252, 24.8521,
39.4341

■ 20.2685, 26.7668,
39.6960

■ 17.6004, 24.1090,
39.3236

■ 21.7519, 27.9720,
39.8505

■ 17.2450, 23.6234,
39.2487

■ 23.5789, 29.3609,
40.0223

■ 25.7727, 30.9454,
40.2125

■ 28.3544, 32.7365,
40.4221

■ 31.3437, 34.7443,
40.6521

■ 34.7586, 36.9783,
40.9033

■ 38.6165, 39.4472,
41.1766

■ 42.9333, 42.1595,
41.4726

Harmonies

Analogous

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



18.2574, 25.7310, 28.5831



19.1020, 25.7310, 39.5571



21.3613, 25.7310, 48.9427

Triad

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



19.1020, 25.7310, 39.5571



30.9578, 25.7310, 38.3433



24.2606, 25.7310, 12.6856

Complementary

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



19.1020, 25.7310, 39.5571



17.5045, 11.2159, 3.7258

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.



27.8372, 25.7310, 14.1112



19.1020, 25.7310, 39.5571



31.9206, 25.7310, 27.4578

Square

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



19.1020, 25.7310, 39.5571



28.2098, 25.7310, 48.1311



30.7284, 25.7310, 18.9722



21.0519, 25.7310, 14.4703

Rectangle

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



19.1020, 25.7310, 39.5571



23.4804, 25.7310, 52.1033



30.7284, 25.7310, 18.9722



25.4594, 25.7310, 12.8031

Sweetspot

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



19.1028, 25.7319, 39.5577



50.9394, 58.7366, 72.4048



15.2766, 27.7642, 8.4258



10.8634, 12.6543, 15.8075



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.



19.1028, 25.7319, 39.5577



31.9324, 43.6990, 70.5041



11.7891, 11.1045, 37.1198



7.2103, 7.8796, 9.0440



13.0680, 17.9153, 29.6990



0.2920, 0.4113, 0.6299

Inverse Universe

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



22.1237, 12.1440, 30.8847



37.9406, 19.0451, 52.7226



22.3529, 20.9125, 5.3419



7.3311, 7.1889, 8.7301



15.7416, 7.6527, 21.6275



0.3396, 0.1643, 0.5008

Previews

White Background



This preview shows how the XYZ color 19.1020, 25.7310, 39.5571 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 19.1020, 25.7310, 39.5571 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

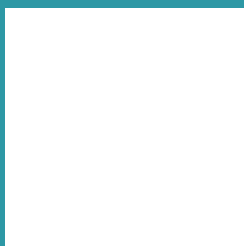
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1020, 25.7310, 39.5571

Background



This preview shows how black text looks on a background with the XYZ color 19.1020, 25.7310, 39.5571.

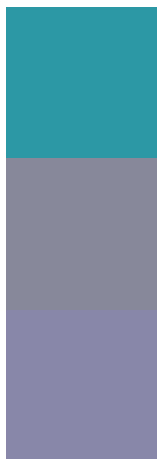


This preview shows how white text looks on a background with the XYZ color 19.1020, 25.7310,

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

19.1020, 25.7310, 39.5571

Protanopia

24.8537, 25.4088, 34.6048

Deuteranopia

25.9787, 25.4268, 41.0747



Tritanopia

19.0113, 25.6947, 39.0795

Trichromacy



Original Color

19.1020, 25.7310, 39.5571

Protanomaly

21.4105, 24.6740, 36.4350

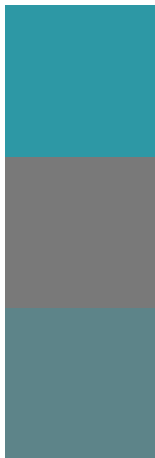
Deuteranomaly

22.1863, 24.7605, 40.6557

Tritanomaly

19.0113, 25.6947, 39.0795

Monochromacy



Original Color

19.1020, 25.7310, 39.5571

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.2808, 20.6358, 26.7392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1020, 25.7310, 39.5571 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(45, 152, 165)` looks like.

```
.text, #text, p{  
  color:rgb(45, 152, 165)  
}
```

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(45, 152, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 152, 165) }
```

Border

The CSS property to change the border of an element to XYZ 19.1020, 25.7310, 39.5571 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(45, 152, 165) }
```


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

```
.border{ border-color:rgb(45, 152, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 152, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 152, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 152, 165);  
box-shadow:4px 4px 4px 4px rgb(45, 152,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1020, 25.7310, 39.5571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 152, 165) }
```

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

```
.background{ background-color: rgb(45, 152,  
165) }
```

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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