

Converting Colors

XYZ(16.3610, 26.6415, 36.8890)

Have a look what the booklet for
XYZ(16.3610, 26.6415, 36.8890)
contains.

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Color

**XYZ(19.0029, 27.9929,
37.2025)**

Conversions

Conversions Part 1

Format	Color
Hex	00A19F
RGB	0, 161, 159
RGB Percent	0%, 63%, 62%
CMY	0.9999, 0.3686, 0.3765
CMYK	1.00, 0.00, 0.01, 0.37
HSL	179°, 100%, 32%
HSV	179°, 100%, 63%
XYZ	19.0029, 27.9929, 37.2025
YIQ	112.6330, -95.3140, -34.7540

Conversions

Conversions Part 2

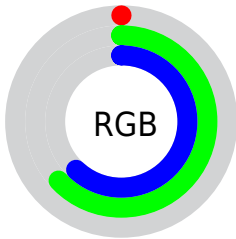
Format	Color
RYB	0, 81, 161
Decimal	41375
CIELab	59.88, -34.71, -8.99
CIELCh	60, 35.855, 194.517
Yxy	27.9929, 0.2257, 0.3325
Android (android.graphics.Color)	4278231455 (0xFF00A19F)
YUV	112.6330, 22.8589, -98.7791
Hunter-Lab	52.9083, -28.4783, -4.6540

Details

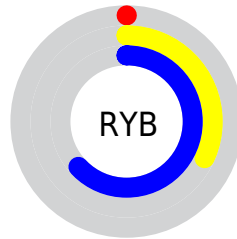
The XYZ color **19.0029, 27.9929, 37.2025** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **14.7099, 7.5824, 0.7466**, and the grayscale version is **15.5452, 16.3548, 17.8104**.

A 20% lighter version of the original color is **41.2077, 56.2939, 72.3123**, and **8.1754, 12.0200, 16.0766** is the 20% darker color. If you saturate the color by 10%, you get **19.0033, 27.9937, 37.2030**, and if you desaturate by 10%, it is **19.2367, 28.1120, 37.3048**.

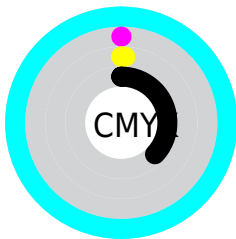
Distribution



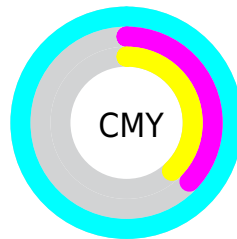
- Red (0%)
- Green (63%)
- Blue (62%)



- Red (0%)
- Yellow (32%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0029, 27.9929, 37.2025 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 19.0029, 27.9929, 37.2025 by changing the saturation by 10% instead.

■ 19.0029, 27.9929,
37.2025

■ 19.0029, 27.9929,
37.2025

■ 239.4026,
292.4330, 349.3815

■ 11.7764, 18.3203,
25.0673

■ 41.2558, 56.4731,
72.0739

■ 6.6627, 11.1802,
15.9077

■ 57.0130, 76.0495,
95.6472

■ 3.2965, 6.1882,
9.3052

■ 76.3444, 99.6960,
123.8703

■ 1.3124, 2.9598,
4.8413

■ 99.6154, 127.7969,
157.1617

■ 0.1925, 1.1108,
2.0973

■ 127.1913,
160.7367, 195.9400

■ 0.0000, 0.0000,
0.6142

■ 159.4376,

■ 0.0000, 0.0000,

198.8997, 240.6237

0.0000

196.7196,
242.6703, 291.6313

■ 19.0029, 27.9929,
37.2025

■ 19.0029, 27.9929,
37.2025

■ 19.0033, 27.9937,
37.2030

■ 19.2367, 28.1120,
37.3048

■ 19.6410, 28.3185,
37.4146

■ 20.2902, 28.6511,
37.5361

■ 21.2156, 29.1262,
37.6706

■ 22.4440, 29.7574,
37.8194

■ 23.9988, 30.5569,
37.9836

■ 25.9014, 31.5357,
38.1643

■ 28.1711, 32.7037,
38.3623

■ 30.8261, 34.0704,
38.5785

Harmonies

Analogous

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



19.0334, 27.9929, 24.2674



19.0029, 27.9929, 37.2025



20.8423, 27.9929, 51.6413

Triad

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



19.0029, 27.9929, 37.2025



33.2248, 27.9929, 52.0670



29.0113, 27.9929, 12.1463

Complementary

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



19.0029, 27.9929, 37.2025



14.7099, 7.5824, 0.7466

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.



33.3459, 27.9929, 16.0696



19.0029, 27.9929, 37.2025



35.9611, 27.9929, 37.6705

Square

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



19.0029, 27.9929, 37.2025



28.8606, 27.9929, 61.7441



36.0078, 27.9929, 24.6196



24.4728, 27.9929, 12.0872

Rectangle

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



19.0029, 27.9929, 37.2025



23.0166, 27.9929, 59.1588



36.0078, 27.9929, 24.6196



30.5514, 27.9929, 12.9930

Sweetspot

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



19.0037, 27.9939, 37.2032



46.1696, 56.3648, 68.3274



12.7794, 25.5081, 4.2509



9.8174, 12.2030, 14.9566



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.0037, 27.9939, 37.2032



34.0265, 50.1306, 66.5947



9.5421, 8.7906, 34.9130



7.2723, 8.0097, 9.0457



15.1781, 22.3576, 29.7183



0.3200, 0.4702, 0.6303

Inverse Universe

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



14.7099, 7.5824, 0.7466



26.3370, 13.5756, 1.3069



17.4111, 13.0026, 1.5930



7.0772, 7.0873, 7.3928



11.7487, 6.0555, 0.6015



0.2479, 0.1276, 0.0179

Previews

White Background



This preview shows how the XYZ color 19.0029, 27.9929, 37.2025 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 19.0029, 27.9929, 37.2025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

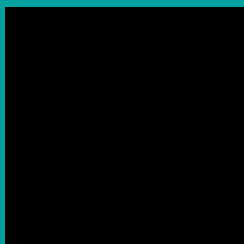
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

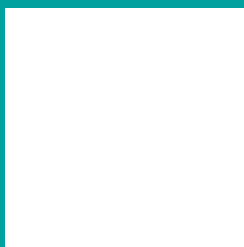
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0029, 27.9929, 37.2025

Background



This preview shows how black text looks on a background with the XYZ color 19.0029, 27.9929, 37.2025.

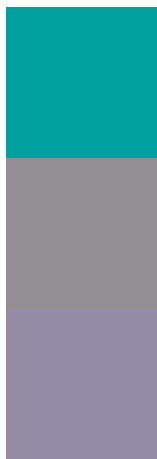


This preview shows how white text looks on a background with the XYZ color 19.0029, 27.9929,

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

19.0029, 27.9929, 37.2025

Protanopia

26.8448, 27.8028, 31.9686

Deuteranopia

28.2917, 27.7324, 38.9837



Tritanopia

20.4096, 28.0661, 43.3713

Trichromacy



Original Color

19.0029, 27.9929, 37.2025

Protanomaly

20.9875, 26.3550, 33.6866

Deuteranomaly

21.7276, 26.1681, 38.0882

Tritanomaly

19.8343, 28.0804, 40.9339

Monochromacy



Original Color

19.0029, 27.9929, 37.2025

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.6844, 18.9547, 24.0038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0029, 27.9929, 37.2025 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(0, 161, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 159)  
}
```

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(0, 161, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 159) }
```

Border

The CSS property to change the border of an element to XYZ 19.0029, 27.9929, 37.2025 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(0, 161, 159) }
```


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

```
.border{ border-color:rgb(0, 161, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 161, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 161,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0029, 27.9929, 37.2025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 159) }
```

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

```
.background{ background-color: rgb(0, 161,  
159) }
```

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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