

Converting Colors

XYZ(21.0327, 35.7051, 26.6191)

Have a look what the booklet for
XYZ(21.0327, 35.7051, 26.6191)
contains.

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Color

**XYZ(21.1029, 35.8660,
26.5795)**

Conversions

Conversions Part 1

Format	Color
Hex	00B881
RGB	0, 184, 129
RGB Percent	0%, 72%, 51%
CMY	1.0000, 0.2784, 0.4941
CMYK	1.00, 0.00, 0.30, 0.28
HSL	162°, 100%, 36%
HSV	162°, 100%, 72%
XYZ	21.1029, 35.8660, 26.5795
YIQ	122.7140, -92.0090, -56.1130

Conversions

Conversions Part 2

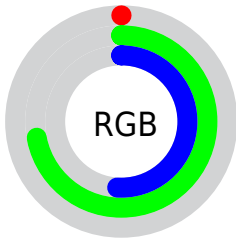
Format	Color
RYB	0, 108, 184
Decimal	47233
CIELab	66.42, -52.48, 17.10
CIELCh	66, 55.200, 161.949
Yxy	35.8660, 0.2526, 0.4293
Android (android.graphics.Color)	4278237313 (0xFF00B881)
YUV	122.7140, 3.0990, -107.6202
Hunter-Lab	59.8882, -41.9061, 15.6078

Details

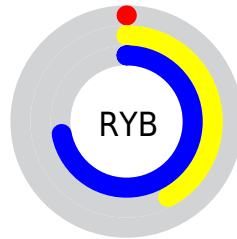
The XYZ color **21.1029, 35.8660, 26.5795** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **20.4579, 10.4669, 4.5579**, and the grayscale version is **18.7458, 19.7221, 21.4773**.

A 20% lighter version of the original color is **44.7227, 68.7748, 55.1737**, and **9.3939, 16.5298, 10.0926** is the 20% darker color. If you saturate the color by 10%, you get **21.1035, 35.8673, 26.5793**, and if you desaturate by 10%, it is **21.7366, 36.1502, 28.5704**.

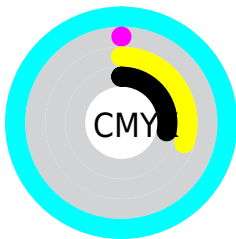
Distribution



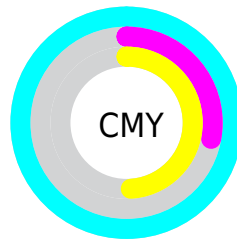
- Red (0%)
- Green (72%)
- Blue (51%)



- Red (0%)
- Yellow (42%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1029, 35.8660, 26.5795 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 21.1029, 35.8660, 26.5795 by changing the saturation by 10% instead.

■ 21.1029, 35.8660,
26.5795

■ 21.1029, 35.8660,
26.5795

■ 250.5462,
328.3745, 299.3108

■ 13.3121, 24.3307,
17.0280

■ 44.7487, 68.8252,
55.2039

■ 7.7223, 15.5791,
10.0923

■ 61.3345, 91.0179,
75.1138

■ 3.9681, 9.2268,
5.3538

■ 81.5826, 117.5319,
99.3137

■ 1.6841, 4.8894,
2.3940

■ 105.8584,
148.7515, 128.2221

■ 0.4463, 2.1825,
0.7832

■ 134.5274,
185.0612, 162.2574

■ 0.0000, 0.7104,
0.0000

■ 167.9547,

■ 0.0000, 0.0000,

226.8453, 201.8383

0.0000

206.5059,
274.4883, 247.3833

■ 21.1029, 35.8660,
26.5795

■ 21.1029, 35.8660,
26.5795

■ 21.1035, 35.8673,
26.5793

■ 21.7366, 36.1502,
28.5704

■ 22.6312, 36.5657,
30.6771

■ 23.8780, 37.1604,
32.9061

■ 25.5216, 37.9573,
35.2610

■ 27.5995, 38.9756,
37.7451

■ 30.1449, 40.2326,
40.3614

■ 33.1878, 41.7435,
43.1125

■ 36.7553, 43.5224,
46.0013

■ 40.8728, 45.5822,
49.0303

Harmonies

Analogous

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



24.5320, 35.8660, 14.0414



21.1029, 35.8660, 26.5795



20.7865, 35.8660, 49.2530

Triad

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



21.1029, 35.8660, 26.5795



37.4867, 35.8660, 102.6412



47.3267, 35.8660, 15.8456

Complementary

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



21.1029, 35.8660, 26.5795



20.4579, 10.4669, 4.5579

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.



52.1193, 35.8660, 30.3667



21.1029, 35.8660, 26.5795



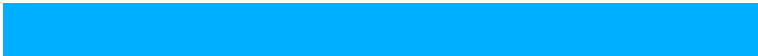
45.8539, 35.8660, 83.6206

Square

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



21.1029, 35.8660, 26.5795



29.3989, 35.8660, 100.2720



51.5405, 35.8660, 54.9192



39.2544, 35.8660, 9.7954

Rectangle

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



21.1029, 35.8660, 26.5795



22.3055, 35.8660, 68.4245



51.5405, 35.8660, 54.9192



49.4292, 35.8660, 19.5805

Sweetspot

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



21.1039, 35.8674, 26.5803



59.8572, 75.5181, 77.8912



18.7282, 35.1005, 5.7883



12.3865, 16.0229, 16.3367



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



21.1039, 35.8674, 26.5803



38.1440, 64.9726, 47.5989



19.1178, 24.3920, 49.0497



9.1492, 10.1637, 10.9431



14.5762, 24.7314, 18.4878



0.5397, 0.8822, 0.7881

Inverse Universe

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



20.4579, 10.4669, 4.5579



36.9918, 18.9362, 7.7772



20.4236, 11.5020, 1.1440



9.1121, 9.0552, 9.9380



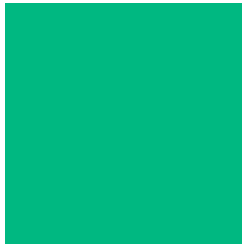
14.1264, 7.2243, 3.2865



0.5262, 0.2660, 0.2644

Previews

White Background



This preview shows how the XYZ color 21.1029, 35.8660, 26.5795 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 21.1029, 35.8660, 26.5795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

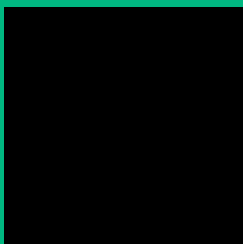
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

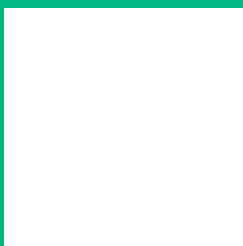
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1029, 35.8660, 26.5795

Background



This preview shows how black text looks on a background with the XYZ color 21.1029, 35.8660, 26.5795.

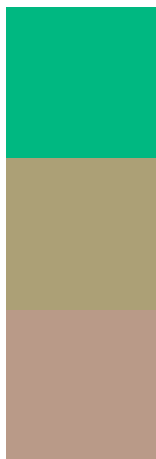


This preview shows how white text looks on a background with the XYZ color 21.1029, 35.8660,

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

21.1029, 35.8660, 26.5795

Protanopia

32.8541, 35.2203, 22.2061

Deuteranopia

36.0071, 35.2031, 28.1896



Tritanopia

26.8062, 35.7925, 54.2110

Trichromacy



Original Color

21.1029, 35.8660, 26.5795



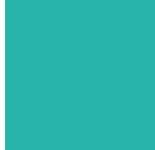
Protanomaly

24.0075, 33.0323, 23.5229



Deuteranomaly

25.1600, 32.4553, 27.1287



Tritanomaly

24.0247, 35.4987, 42.6315

Monochromacy



Original Color

21.1029, 35.8660, 26.5795



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

16.9690, 23.3512, 23.0149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1029, 35.8660, 26.5795 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, 184, 129)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 129)  
}
```

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, 184, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 129) }
```

Border

The CSS property to change the border of an element to XYZ 21.1029, 35.8660, 26.5795 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, 184, 129) }
```


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

```
.border{ border-color:rgb(0, 184, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 184, 129);  
box-shadow:4px 4px 4px 4px rgb(0, 184,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1029, 35.8660, 26.5795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 129) }
```

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

```
.background{ background-color: rgb(0, 184,  
129) }
```

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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