

Converting Colors

XYZ(20.9243, 35.6618, 26.0482)

Have a look what the booklet for
XYZ(20.9243, 35.6618, 26.0482)
contains.

XYZ(21.0368, 35.8395, 26.2310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.0368, 35.8395,
26.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	00B880
RGB	0, 184, 128
RGB Percent	0%, 72%, 50%
CMY	0.9999, 0.2784, 0.4980
CMYK	1.00, 0.00, 0.30, 0.28
HSL	162°, 100%, 36%
HSV	162°, 100%, 72%
XYZ	21.0368, 35.8395, 26.2310
YIQ	122.6000, -91.6880, -56.4240

Conversions

Conversions Part 2

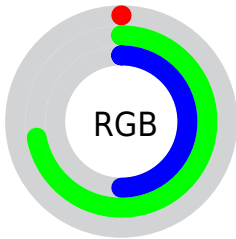
Format	Color
RYB	0, 109, 184
Decimal	47232
CIELab	66.40, -52.71, 17.62
CIELCh	66, 55.578, 161.519
Yxy	35.8395, 0.2531, 0.4312
Android (android.graphics.Color)	4278237312 (0xFF00B880)
YUV	122.6000, 2.6622, -107.5202
Hunter-Lab	59.8661, -42.0412, 15.9277

Details

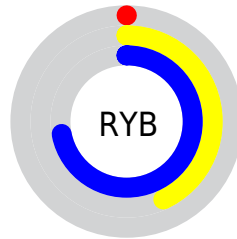
The XYZ color **21.0368, 35.8395, 26.2310** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **20.4824, 10.4769, 4.6868**, and the grayscale version is **18.7106, 19.6850, 21.4370**.

A 20% lighter version of the original color is **44.6197, 68.7336, 54.6313**, and **9.3939, 16.5298, 10.0926** is the 20% darker color. If you saturate the color by 10%, you get **21.0371, 35.8406, 26.2297**, and if you desaturate by 10%, it is **21.6739, 36.1251, 28.2396**.

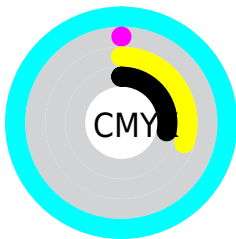
Distribution



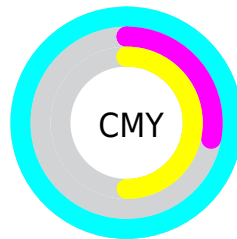
- Red (0%)
- Green (72%)
- Blue (50%)



- Red (0%)
- Yellow (43%)
- Blue (72%)



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





- Cyan (100%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.0368, 35.8395, 26.2310 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 21.0368, 35.8395, 26.2310 by changing the saturation by 10% instead.


 21.0368, 35.8395,
26.2310


 21.0368, 35.8395,
26.2310


250.2020,
328.2585, 297.5557


 13.2635, 24.3103,
16.7692


 44.6396, 68.7843,
54.6360


 7.6885, 15.5639,
9.9099


 61.1998, 90.9686,
74.4163


 3.9464, 9.2161,
5.2344


 81.4197, 117.4734,
98.4733

 1.6719, 4.8824,
2.3243

 105.6647,
148.6831, 127.2253

 0.4386, 2.1784,
0.7448

 134.3000,
184.9820, 161.0910

 0.0000, 0.7082,
0.0000

 167.6911,

 0.0000, 0.0000,

226.7547, 200.4890

0.0000

206.2033,
274.3853, 245.8377

■ 21.0368, 35.8395,
26.2310

■ 21.0368, 35.8395,
26.2310

■ 21.0371, 35.8406,
26.2297

■ 21.6739, 36.1251,
28.2396

■ 22.5727, 36.5423,
30.3676

■ 23.8245, 37.1390,
32.6217

■ 25.4737, 37.9381,
35.0055

■ 27.5581, 38.9591,
37.5223

■ 30.1107, 40.2190,
40.1751

■ 33.1615, 41.7331,
42.9670

■ 36.7378, 43.5155,
45.9006

■ 40.8649, 45.5792,
48.9786

Harmonies

Analogous

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



24.5253, 35.8395, 13.7951



21.0368, 35.8395, 26.2310



20.6744, 35.8395, 48.9022

Triad

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



21.0368, 35.8395, 26.2310



37.3587, 35.8395, 103.3023



47.4959, 35.8395, 15.8562

Complementary

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



21.0368, 35.8395, 26.2310



20.4824, 10.4769, 4.6868

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.



52.2599, 35.8395, 30.5731



21.0368, 35.8395, 26.2310



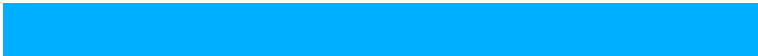
45.8026, 35.8395, 84.3409

Square

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



21.0368, 35.8395, 26.2310



29.2424, 35.8395, 100.5720



51.5941, 35.8395, 55.4161



39.3893, 35.8395, 9.7091

Rectangle

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



21.0368, 35.8395, 26.2310



22.1694, 35.8395, 68.1973



51.5941, 35.8395, 55.4161



49.5965, 35.8395, 19.6429

Sweetspot

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



21.0378, 35.8409, 26.2318



59.8059, 75.4976, 77.6210



18.9025, 35.1903, 5.7967



12.3742, 16.0180, 16.2716



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.



21.0378, 35.8409, 26.2318



38.0228, 64.9241, 46.9607



19.6022, 25.3608, 49.2110



9.1471, 10.1628, 10.9320



14.5307, 24.7132, 18.2484



0.5384, 0.8817, 0.7811

Inverse Universe

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



20.4824, 10.4769, 4.6868



37.0347, 18.9533, 8.0029



20.3329, 11.3206, 1.1140



9.1141, 9.0560, 9.9485



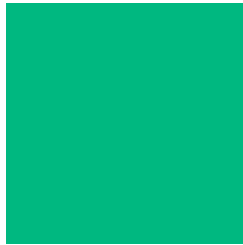
14.1435, 7.2312, 3.3764



0.5270, 0.2663, 0.2688

Previews

White Background



This preview shows how the XYZ color 21.0368, 35.8395, 26.2310 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 21.0368, 35.8395, 26.2310 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

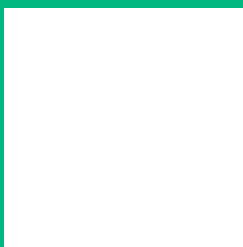
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0368, 35.8395, 26.2310

Background



This preview shows how black text looks on a background with the XYZ color 21.0368, 35.8395, 26.2310.



This preview shows how white text looks on a background with the XYZ color 21.0368, 35.8395,

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

21.0368, 35.8395, 26.2310

Protanopia

32.7949, 35.1966, 21.8948

Deuteranopia

35.9364, 35.1748, 27.8170



Tritanopia

26.8062, 35.7925, 54.2110

Trichromacy



Original Color

21.0368, 35.8395, 26.2310



Protanomaly

23.9458, 33.0076, 23.1982



Deuteranomaly

25.0912, 32.4278, 26.7665



Tritanomaly

23.9319, 35.4616, 42.1426

Monochromacy



Original Color

21.0368, 35.8395, 26.2310



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 21.0368, 35.8395, 26.2310 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 128) }
```

Border

The CSS property to change the border of an element to XYZ 21.0368, 35.8395, 26.2310 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, 128) }
```


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

```
.border{ border-color:rgb(0, 184, 128) }
```

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, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 184, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 184,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0368, 35.8395, 26.2310 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, 128) }
```

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

```
.background{ background-color: rgb(0, 184,  
128) }
```

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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