

Converting Colors

XYZ(19.1058, 25.9610, 51.1852)

Have a look what the booklet for
XYZ(19.1058, 25.9610, 51.1852)
contains.

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Color

**XYZ(20.5252, 26.6991,
51.0853)**

Conversions

Conversions Part 1

Format	Color
Hex	009ABB
RGB	0, 154, 187
RGB Percent	0%, 60%, 73%
CMY	0.9999, 0.3961, 0.2667
CMYK	1.00, 0.18, 0.00, 0.27
HSL	191°, 100%, 37%
HSV	191°, 100%, 73%
XYZ	20.5252, 26.6991, 51.0853
YIQ	111.7160, -102.3770, -22.3850

Conversions

Conversions Part 2

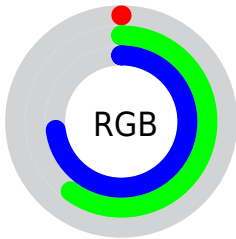
Format	Color
RYB	0, 84, 187
Decimal	39611
CIELab	58.69, -21.98, -26.62
CIElCh	59, 34.528, 230.453
Yxy	26.6991, 0.2088, 0.2716
Android (android.graphics.Color)	4278229691 (0xFF009ABB)
YUV	111.7160, 37.1150, -97.9749
Hunter-Lab	51.6712, -19.5195, -22.4479

Details

The XYZ color **20.5252, 26.6991, 51.0853** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **21.0386, 11.6544, 1.1416**, and the grayscale version is **15.2375, 16.0310, 17.4578**.

A 20% lighter version of the original color is **43.9079, 54.6134, 93.0213**, and **9.1533, 11.4217, 24.2764** is the 20% darker color. If you saturate the color by 10%, you get **20.5248, 26.6980, 51.0856**, and if you desaturate by 10%, it is **21.3413, 27.9401, 51.2824**.

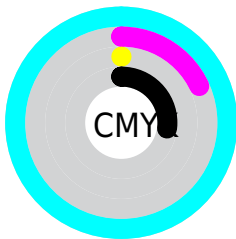
Distribution



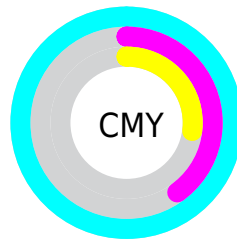
- Red (0%)
- Green (60%)
- Blue (73%)



- Red (0%)
- Yellow (33%)
- Blue (73%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5252, 26.6991, 51.0853 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 20.5252, 26.6991, 51.0853 by changing the saturation by 10% instead.

■ 20.5252, 26.6991,
51.0853

■ 20.5252, 26.6991,
51.0853

■ 247.5241,
286.1973, 407.7511

■ 12.8879, 17.3474,
35.8993

■ 43.7932, 54.4006,
93.1936

■ 7.4278, 10.4825,
24.0674

■ 60.1547, 73.5192,
120.9531

■ 3.7798, 5.7200,
15.1709

■ 80.1548, 96.6622,
153.7407

■ 1.5783, 2.6756,
8.7915

■ 104.1591,
124.2141, 191.9751

■ 0.3782, 0.9648,
4.5105

■ 132.5327,
156.5591, 236.0748

■ 0.0000, 0.0000,
1.9094

■ 165.6412,

■ 0.0000, 0.0000,

194.0817, 286.4583

0.4987

203.8499,
237.1663, 343.5443

■ 0.0000, 0.0000,
0.0000

■ 20.5252, 26.6991,
51.0853

■ 20.5252, 26.6991,
51.0853

■ 20.5248, 26.6980,
51.0856

■ 21.3413, 27.9401,
51.2824

■ 22.4239, 29.3405,
51.4956

■ 23.8662, 30.9489,
51.7300

■ 25.7144, 32.7892,
51.9878

■ 28.0075, 34.8819,
52.2709

■ 30.7798, 37.2447,
52.5808

■ 34.0623, 39.8937,
52.9192

■ 37.8832, 42.8437,
53.2872

■ 42.2687, 46.1083,
53.6862

Harmonies

Analogous

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



18.4699, 26.6991, 38.0308



20.5252, 26.6991, 51.0853



24.0465, 26.6991, 58.7630

Triad

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



20.5252, 26.6991, 51.0853



34.3095, 26.6991, 33.1239



22.6293, 26.6991, 12.2052

Complementary

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



20.5252, 26.6991, 51.0853



21.0386, 11.6544, 1.1416

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.



26.7550, 26.6991, 11.5716



20.5252, 26.6991, 51.0853



33.8208, 26.6991, 21.6417

Square

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



20.5252, 26.6991, 51.0853



32.2073, 26.6991, 46.6446



30.9381, 26.6991, 14.5113



19.5874, 26.6991, 16.5799

Rectangle

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



20.5252, 26.6991, 51.0853



26.8870, 26.6991, 58.6604



30.9381, 26.6991, 14.5113



23.9241, 26.6991, 11.6063

Sweetspot

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



20.5261, 26.7000, 51.0860



60.6870, 71.1978, 94.7454



18.0208, 35.6412, 7.2394



12.7950, 15.2247, 20.8069



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



20.5261, 26.7000, 51.0860



36.6020, 47.5007, 91.4408



10.7121, 7.0721, 47.8146



9.6615, 10.5152, 12.1926



14.1890, 18.4897, 35.2139



0.5940, 0.8006, 1.3921

Inverse Universe

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



26.3270, 12.8988, 31.6749



47.0702, 23.0681, 56.3061



27.7868, 25.1508, 3.3910



9.8557, 9.6666, 11.6293



18.1627, 8.8962, 21.9482



0.7307, 0.3562, 0.9613

Previews

White Background



This preview shows how the XYZ color 20.5252, 26.6991, 51.0853 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 20.5252, 26.6991, 51.0853 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

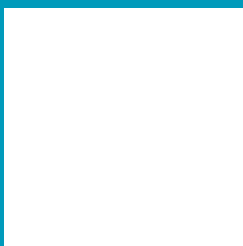
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5252, 26.6991, 51.0853

Background



This preview shows how black text looks on a background with the XYZ color 20.5252, 26.6991, 51.0853.

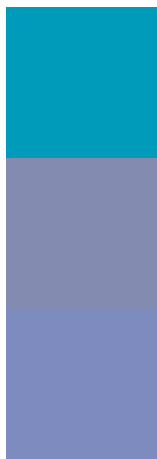


This preview shows how white text looks on a background with the XYZ color 20.5252, 26.6991,

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

20.5252, 26.6991, 51.0853

Protanopia

26.4292, 26.4251, 44.7819

Deuteranopia

27.2408, 26.6624, 53.0008

Trichromacy



Original Color

20.5252, 26.6991, 51.0853

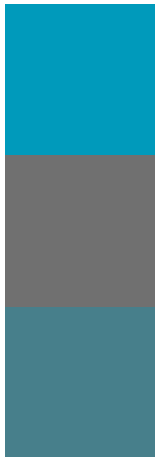
Protanomaly

21.7788, 25.0808, 46.8732

Deuteranomaly

22.5758, 25.3697, 52.4222

Monochromacy



Original Color

20.5252, 26.6991, 51.0853

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8481, 18.3824, 27.1917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5252, 26.6991, 51.0853 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, 154, 187)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 187)  
}
```

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, 154, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 187) }
```

Border

The CSS property to change the border of an element to XYZ 20.5252, 26.6991, 51.0853 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, 154, 187) }
```

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

```
.border{ border-color:rgb(0, 154, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 154, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 187);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
187) }
```


Background

The CSS property to change the background color of an element to XYZ 20.5252, 26.6991, 51.0853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 154, 187) }
```

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

```
.background{ background-color: rgb(0, 154,  
187) }
```

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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