

Converting Colors

XYZ(21.0082, 26.9259, 53.5246)

Have a look what the booklet for
XYZ(21.0082, 26.9259, 53.5246)
contains.

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Color

**XYZ(20.9596, 26.8728,
53.3725)**

Conversions

Conversions Part 1

Format	Color
Hex	009ABF
RGB	0, 154, 191
RGB Percent	0%, 60%, 75%
CMY	0.9998, 0.3961, 0.2510
CMYK	1.00, 0.19, 0.00, 0.25
HSL	192°, 100%, 37%
HSV	192°, 100%, 75%
XYZ	20.9596, 26.8728, 53.3725
YIQ	112.1720, -103.6610, -21.1410

Conversions

Conversions Part 2

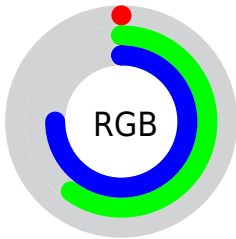
Format	Color
RYB	0, 85, 191
Decimal	39615
CIELab	58.86, -20.58, -28.63
CIElCh	59, 35.260, 234.292
Yxy	26.8728, 0.2071, 0.2655
Android (android.graphics.Color)	4278229695 (0xFF009ABF)
YUV	112.1720, 38.8622, -98.3748
Hunter-Lab	51.8390, -18.5469, -24.7567

Details

The XYZ color **20.9596, 26.8728, 53.3725** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **22.1492, 12.4023, 1.2277**, and the grayscale version is **15.3669, 16.1671, 17.6060**.

A 20% lighter version of the original color is **44.5187, 54.8577, 96.2379**, and **9.3656, 11.5066, 25.3943** is the 20% darker color. If you saturate the color by 10%, you get **20.9586, 26.8708, 53.3727**, and if you desaturate by 10%, it is **21.8516, 28.2539, 53.5926**.

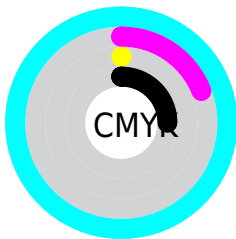
Distribution



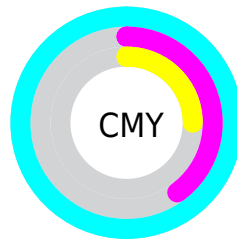
- Red (0%)
- Green (60%)
- Blue (75%)



- Red (0%)
- Yellow (33%)
- Blue (75%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9596, 26.8728, 53.3725 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 20.9596, 26.8728, 53.3725 by changing the saturation by 10% instead.

■ 20.9596, 26.8728,
53.3725

■ 20.9596, 26.8728,
53.3725

■ 249.7995,
287.0407, 416.8194

■ 13.2068, 17.4777,
37.7105

■ 44.5121, 54.6797,
96.5994

■ 7.6491, 10.5757,
25.4580

■ 61.0424, 73.8603,
125.0013

■ 3.9211, 5.7823,
16.1965

■ 81.2293, 97.0715,
158.4869

■ 1.6576, 2.7131,
9.5074

■ 105.4381,
124.6977, 197.4747

■ 0.4295, 0.9839,
4.9723

■ 134.0342,
157.1234, 242.3834

■ 0.0000, 0.0000,
2.1726

■ 167.3829,

■ 0.0000, 0.0000,

194.7328, 293.6313

0.6585

205.8495,
237.9105, 351.6372

■ 0.0000, 0.0000,
0.0000

■ 20.9596, 26.8728,
53.3725

■ 20.9596, 26.8728,
53.3725

■ 20.9586, 26.8708,
53.3727

■ 21.8516, 28.2539,
53.5926

■ 23.0278, 29.8093,
53.8308

■ 24.5849, 31.5894,
54.0924

■ 26.5715, 33.6197,
54.3795

■ 29.0289, 35.9215,
54.6943

■ 31.9932, 38.5139,
55.0385

■ 35.4971, 41.4138,
55.4135

■ 39.5704, 44.6369,
55.8210

■ 44.2407, 48.1975,
56.2621

Harmonies

Analogous

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



18.6445, 26.8728, 40.2762



20.9596, 26.8728, 53.3725



24.7180, 26.8728, 60.1974

Triad

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



20.9596, 26.8728, 53.3725



34.8128, 26.8728, 31.7103



22.2495, 26.8728, 12.3929

Complementary

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



20.9596, 26.8728, 53.3725



22.1492, 12.4023, 1.2277

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.



26.3836, 26.8728, 11.2964



20.9596, 26.8728, 53.3725



33.9595, 26.8728, 20.4614

Square

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



20.9596, 26.8728, 53.3725



32.9625, 26.8728, 45.6072



30.7474, 26.8728, 13.7872



19.3278, 26.8728, 17.3763

Rectangle

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



20.9596, 26.8728, 53.3725



27.6653, 26.8728, 59.1947



30.7474, 26.8728, 13.7872



23.5298, 26.8728, 11.6302

Sweetspot

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



20.9605, 26.8737, 53.3732



63.2394, 73.9001, 99.2102



18.9357, 37.3839, 7.8119



13.2765, 15.7284, 21.7214



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



20.9605, 26.8737, 53.3732



37.3639, 47.7797, 95.5322



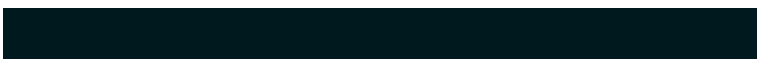
11.0474, 7.0476, 50.0688



9.6472, 10.4868, 12.1879



13.8301, 17.7718, 35.0943



0.5827, 0.7781, 1.3883

Inverse Universe

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



27.3194, 13.4106, 31.7213



48.8395, 23.9811, 56.3465



29.5397, 27.1834, 3.6912



9.8485, 9.6637, 11.5915



17.9815, 8.8238, 20.9942



0.7250, 0.3539, 0.9313

Previews

White Background



This preview shows how the XYZ color 20.9596, 26.8728, 53.3725 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 20.9596, 26.8728, 53.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

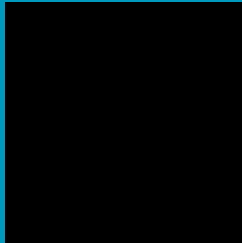
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.9596, 26.8728, 53.3725

Background



This preview shows how black text looks on a background with the XYZ color 20.9596, 26.8728, 53.3725.

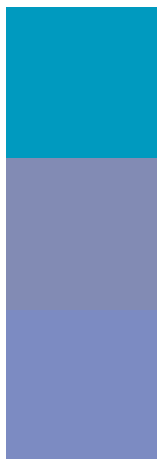


This preview shows how white text looks on a background with the XYZ color 20.9596, 26.8728,

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

20.9596, 26.8728, 53.3725

Protanopia

26.6768, 26.5064, 46.8902

Deuteranopia

27.2824, 26.6454, 54.7441



Tritanopia

19.2184, 26.9785, 41.7306

Trichromacy



Original Color

20.9596, 26.8728, 53.3725

Protanomaly

22.1923, 25.2462, 49.0507

Deuteranomaly

22.8233, 25.4590, 54.1632

Tritanomaly

19.8243, 26.9513, 45.7522

Monochromacy



Original Color

20.9596, 26.8728, 53.3725

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.9956, 18.4414, 27.9685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9596, 26.8728, 53.3725 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 191) }
```

Border

The CSS property to change the border of an element to XYZ 20.9596, 26.8728, 53.3725 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, 191) }
```


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

```
.border{ border-color:rgb(0, 154, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9596, 26.8728, 53.3725 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, 191) }
```

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

```
.background{ background-color: rgb(0, 154,  
191) }
```

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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