

Converting Colors

XYZ(5.3814, 17.1975, 53.1009)

Have a look what the booklet for
XYZ(5.3814, 17.1975, 53.1009)
contains.

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Color

**XYZ(19.9481, 24.6732,
53.5802)**

Conversions

Conversions Part 1

Format	Color
Hex	0093C0
RGB	0, 147, 192
RGB Percent	0%, 58%, 75%
CMY	0.9999, 0.4235, 0.2471
CMYK	1.00, 0.23, 0.00, 0.25
HSL	194°, 100%, 38%
HSV	194°, 100%, 75%
XYZ	19.9481, 24.6732, 53.5802
YIQ	108.1770, -102.0570, -17.1690

Conversions

Conversions Part 2

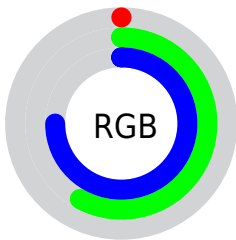
Format	Color
R _{YB}	0, 83, 192
Decimal	37824
CIE _{Lab}	56.76, -16.46, -32.46
CIE _{LCh}	57, 36.395, 243.104
Yxy	24.6732, 0.2031, 0.2513
Android (android.graphics.Color)	4278227904 (0xFF0093C0)
YUV	108.1770, 41.3247, -94.8712
Hunter-Lab	49.6721, -15.2414, -29.1843

Details

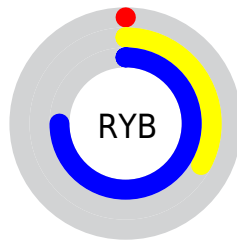
The XYZ color **19.9481, 24.6732, 53.5802** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **22.6784, 13.0861, 1.3316**, and the grayscale version is **14.2150, 14.9553, 16.2863**.

A 20% lighter version of the original color is **42.9153, 51.1542, 97.2344**, and **8.7703, 10.2007, 25.5514** is the 20% darker color. If you saturate the color by 10%, you get **19.9472, 24.6712, 53.5804**, and if you desaturate by 10%, it is **20.9354, 26.2420, 53.8315**.

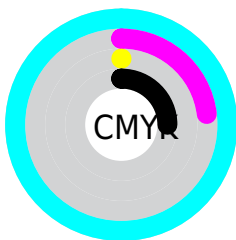
Distribution



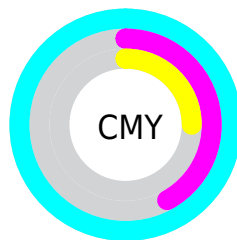
- Red (0%)
- Green (58%)
- Blue (75%)



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



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9481, 24.6732, 53.5802 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 19.9481, 24.6732, 53.5802 by changing the saturation by 10% instead.

■ 19.9481, 24.6732,
53.5802

■ 19.9481, 24.6732,
53.5802

244.4729,
276.2065, 417.6364

■ 12.4654, 15.8337,
37.8753

■ 42.8348, 51.1266,
96.9078

■ 7.1359, 9.4066,
25.5848

■ 58.9694, 69.5093,
125.3675

■ 3.5943, 5.0073,
16.2903

■ 78.7187, 91.8418,
158.9158

■ 1.4753, 2.2516,
9.5732

■ 102.4481,
118.5087, 197.9714

■ 0.3089, 0.7479,
5.0151

■ 130.5228,
149.8941, 242.9527

■ 0.0000, 0.0000,
2.1972

■ 163.3083,

■ 0.0000, 0.0000,

186.3827, 294.2782

0.6728

201.1699,
228.3587, 352.3667

■ 0.0000, 0.0000,
0.0000

■ 19.9481, 24.6732,
53.5802

■ 19.9481, 24.6732,
53.5802

■ 19.9472, 24.6712,
53.5804

■ 20.9354, 26.2420,
53.8315

■ 22.2190, 28.0043,
54.1040

■ 23.8967, 30.0112,
54.4029

■ 26.0179, 32.2888,
54.7307

■ 28.6244, 34.8590,
55.0895

■ 31.7531, 37.7412,
55.4809

■ 35.4372, 40.9530,
55.9067

■ 39.7069, 44.5104,
56.3683

■ 44.5903, 48.4282,
56.8671

Harmonies

Analogous

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



17.2550, 24.6732, 41.7665



19.9481, 24.6732, 53.5802



23.8960, 24.6732, 57.6317

Triad

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



19.9481, 24.6732, 53.5802



32.5852, 24.6732, 25.6186



19.2685, 24.6732, 11.6521

Complementary

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



19.9481, 24.6732, 53.5802



22.6784, 13.0861, 1.3316

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.



23.0118, 24.6732, 9.6271



19.9481, 24.6732, 53.5802



30.9771, 24.6732, 16.0107

Square

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



19.9481, 24.6732, 53.5802



31.5124, 24.6732, 38.8921



27.3420, 24.6732, 10.9416



16.8972, 24.6732, 17.6145

Rectangle

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



19.9481, 24.6732, 53.5802



26.8031, 24.6732, 54.6231



27.3420, 24.6732, 10.9416



20.3910, 24.6732, 10.5861

Sweetspot

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



19.9490, 24.6740, 53.5808



63.8516, 73.8987, 101.2588



19.3206, 37.8880, 8.7601



13.0672, 15.3098, 21.6517



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.



19.9490, 24.6740, 53.5808



35.9404, 44.2973, 97.0163



10.7087, 6.1935, 50.5007



10.1620, 11.0152, 12.8754



13.4841, 16.7247, 36.0741



0.6324, 0.8222, 1.5753

Inverse Universe

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



27.0054, 13.3140, 28.7510



48.8278, 24.0812, 51.5499



31.2355, 30.2005, 4.1840



10.3930, 10.2058, 12.1603



18.2021, 8.9706, 19.5083



0.8116, 0.3976, 0.9753

Previews

White Background



This preview shows how the XYZ color 19.9481, 24.6732, 53.5802 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 19.9481, 24.6732, 53.5802 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

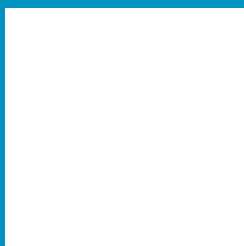
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9481, 24.6732, 53.5802

Background



This preview shows how black text looks on a background with the XYZ color 19.9481, 24.6732, 53.5802.

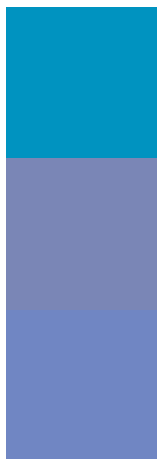


This preview shows how white text looks on a background with the XYZ color 19.9481, 24.6732,

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

19.9481, 24.6732, 53.5802

Protanopia

24.9946, 24.5652, 47.6802

Deuteranopia

25.0575, 24.4351, 55.0255



Tritanopia

17.5882, 24.7419, 38.0311

Trichromacy



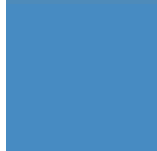
Original Color

19.9481, 24.6732, 53.5802



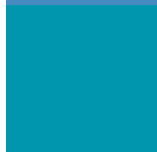
Protanomaly

21.2374, 23.6301, 49.8961



Deuteranomaly

21.5688, 23.6999, 54.4767



Tritanomaly

18.4492, 24.8298, 43.3554

Monochromacy



Original Color

19.9481, 24.6732, 53.5802



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

14.0740, 17.0484, 26.9750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9481, 24.6732, 53.5802 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, 147, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 147, 192)  
}
```

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, 147, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 147, 192) }
```

Border

The CSS property to change the border of an element to XYZ 19.9481, 24.6732, 53.5802 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, 147, 192) }
```


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

```
.border{ border-color:rgb(0, 147, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 147, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 147, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 147, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 147,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9481, 24.6732, 53.5802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 147, 192) }
```

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

```
.background{ background-color: rgb(0, 147,  
192) }
```

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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