

Converting Colors

XYZ(17.2513, 18.9580, 53.6721)

Have a look what the booklet for
XYZ(17.2513, 18.9580, 53.6721)
contains.

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Color

**XYZ(17.3270, 19.0738,
53.8073)**

Conversions

Conversions Part 1

Format	Color
Hex	007FC2
RGB	0, 127, 194
RGB Percent	0%, 50%, 76%
CMY	0.9998, 0.5020, 0.2392
CMYK	1.00, 0.35, 0.00, 0.24
HSL	201°, 100%, 38%
HSV	201°, 100%, 76%
XYZ	17.3270, 19.0738, 53.8073
YIQ	96.6650, -97.1990, -6.0870

Conversions

Conversions Part 2

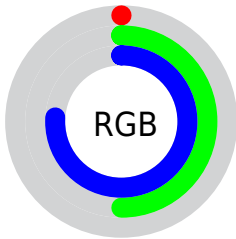
Format	Color
RYB	0, 77, 194
Decimal	32706
CIELab	50.77, -4.31, -42.99
CIELCh	51, 43.210, 264.277
Yxy	19.0738, 0.1921, 0.2114
Android (android.graphics.Color)	4278222786 (0xFF007FC2)
YUV	96.6650, 47.9862, -84.7752
Hunter-Lab	43.6736, -5.6108, -42.4758

Details

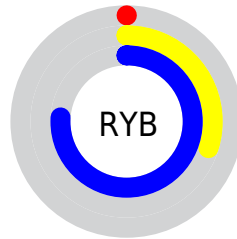
The XYZ color **17.3270, 19.0738, 53.8073** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **24.2582, 15.4889, 1.7123**, and the grayscale version is **11.1870, 11.7696, 12.8171**.

A 20% lighter version of the original color is **38.3566, 41.6920, 97.2925**, and **7.4580, 7.3422, 25.8351** is the 20% darker color. If you saturate the color by 10%, you get **17.3253, 19.0703, 53.8071**, and if you desaturate by 10%, it is **18.4990, 21.0061, 54.1189**.

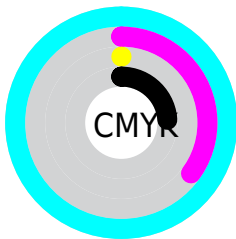
Distribution



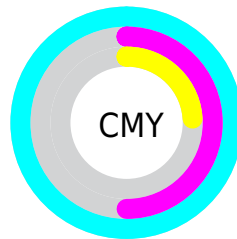
- Red (0%)
- Green (50%)
- Blue (76%)



- Red (0%)
- Yellow (30%)
- Blue (76%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3270, 19.0738, 53.8073 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 17.3270, 19.0738, 53.8073 by changing the saturation by 10% instead.

■ 17.3270, 19.0738,
53.8073

■ 17.3270, 19.0738,
53.8073

230.1695,
246.8559, 418.5286

■ 10.5647, 11.7236,
38.0555

■ 38.4263, 41.8588,
97.2448

■ 5.8400, 6.5558,
25.7236

■ 53.4940, 58.0623,
125.7676

■ 2.7878, 3.1859,
16.3931

■ 72.0608, 77.9858,
159.3844

■ 1.0426, 1.2295,
9.6454

■ 94.4921, 102.0136,
198.5139

■ 0.0000, 0.0856,
5.0619

■ 121.1532,
130.5301, 243.5745

■ 0.0000, 0.0000,
2.2243

■ 152.4096,

■ 0.0000, 0.0000,

163.9198, 294.9848

0.6883

188.6266,
202.5669, 353.1633

■ 0.0000, 0.0000,
0.0000

■ 17.3270, 19.0738,
53.8073

■ 17.3270, 19.0738,
53.8073

■ 17.3253, 19.0703,
53.8071

■ 18.4990, 21.0061,
54.1189

■ 20.0057, 23.1978,
54.4626

■ 21.9469, 25.7022,
54.8436

■ 24.3742, 28.5473,
55.2649

■ 27.3312, 31.7571,
55.7286

■ 30.8564, 35.3529,
56.2368

■ 34.9846, 39.3541,
56.7916

■ 39.7473, 43.7782,
57.3945

■ 45.1741, 48.6420,
58.0472

Harmonies

Analogous

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



13.7674, 19.0738, 46.1252



17.3270, 19.0738, 53.8073



21.6977, 19.0738, 50.2095

Triad

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



17.3270, 19.0738, 53.8073



26.6373, 19.0738, 12.5609



12.2753, 19.0738, 9.8882

Complementary

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



17.3270, 19.0738, 53.8073



24.2582, 15.4889, 1.7123

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.



14.9749, 19.0738, 5.9130



17.3270, 19.0738, 53.8073



23.3265, 19.0738, 6.9807

Square

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



17.3270, 19.0738, 53.8073



27.5276, 19.0738, 23.1883



18.9555, 19.0738, 5.1080



11.1578, 19.0738, 18.5225

Rectangle

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



17.3270, 19.0738, 53.8073



24.4478, 19.0738, 42.4129



18.9555, 19.0738, 5.1080



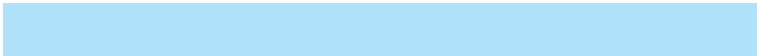
13.0053, 19.0738, 8.1216

Sweetspot

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



17.3277, 19.0744, 53.8078



62.9836, 70.9203, 102.8392



20.2378, 38.9623, 11.4088



13.0635, 14.8314, 22.4242



0.0000, 0.0000, 0.0000



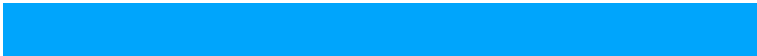
20.3446, 21.4041, 23.3091

Same Dimension

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



17.3277, 19.0744, 53.8078



31.1415, 34.0557, 97.4019



10.2647, 4.9484, 51.4535



10.0662, 10.8237, 12.8435



11.4697, 12.6958, 35.4026



0.5578, 0.6730, 1.5504

Inverse Universe

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



26.0796, 13.0027, 21.2143



47.1219, 23.5051, 37.7678



35.1116, 37.1956, 5.3301



10.3447, 10.1865, 11.9057



17.1853, 8.5639, 14.1539



0.7739, 0.3826, 0.7770

Previews

White Background



This preview shows how the XYZ color 17.3270, 19.0738, 53.8073 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 17.3270, 19.0738, 53.8073 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 17.3270, 19.0738, 53.8073

Background



This preview shows how black text looks on a background with the XYZ color 17.3270, 19.0738, 53.8073.



This preview shows how white text looks on a background with the XYZ color 17.3270, 19.0738,

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

17.3270, 19.0738, 53.8073

Protanopia

20.1652, 18.9888, 49.0568

Deuteranopia

19.5893, 19.1107, 54.2860



Tritanopia

13.5591, 19.0638, 29.3506

Trichromacy



Original Color

17.3270, 19.0738, 53.8073

Protanomaly

17.9471, 18.3410, 50.7384

Deuteranomaly

18.1522, 18.7344, 54.2891

Tritanomaly

14.6379, 18.8412, 37.0476

Monochromacy



Original Color

17.3270, 19.0738, 53.8073

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.5140, 13.4152, 23.8123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3270, 19.0738, 53.8073 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, 127, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 127, 194)  
}
```

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, 127, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 194) }
```

Border

The CSS property to change the border of an element to XYZ 17.3270, 19.0738, 53.8073 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, 127, 194) }
```


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

```
.border{ border-color:rgb(0, 127, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 127, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 127,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3270, 19.0738, 53.8073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 127, 194) }
```

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

```
.background{ background-color: rgb(0, 127,  
194) }
```

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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