

Converting Colors

XYZ(23.2002, 28.5236, 76.9317)

Have a look what the booklet for
XYZ(23.2002, 28.5236, 76.9317)
contains.

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Color

**XYZ(26.0920, 29.9998,
77.0884)**

Conversions

Conversions Part 1

Format	Color
Hex	009EE3
RGB	0, 158, 227
RGB Percent	0%, 62%, 89%
CMY	0.9998, 0.3804, 0.1098
CMYK	1.00, 0.30, 0.00, 0.11
HSL	198°, 100%, 45%
HSV	198°, 100%, 89%
XYZ	26.0920, 29.9998, 77.0884
YIQ	118.6240, -116.3170, -12.0370

Conversions

Conversions Part 2

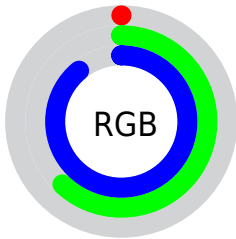
Format	Color
RYB	0, 93, 227
Decimal	40675
CIELab	61.65, -9.76, -44.37
CIELCh	62, 45.428, 257.596
Yxy	29.9998, 0.1959, 0.2253
Android (android.graphics.Color)	4278230755 (0xFF009EE3)
YUV	118.6240, 53.4294, -104.0332
Hunter-Lab	54.7721, -10.8183, -45.1067

Details

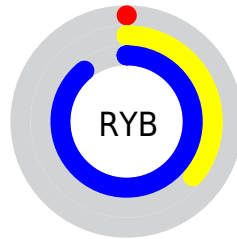
The XYZ color **26.0920, 29.9998, 77.0884** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **33.8108, 20.5945, 2.1948**, and the grayscale version is **17.2850, 18.1852, 19.8037**.

A 20% lighter version of the original color is **47.4192, 57.3102, 103.1705**, and **12.6084, 13.4557, 40.4607** is the 20% darker color. If you saturate the color by 10%, you get **26.0894, 29.9944, 77.0881**, and if you desaturate by 10%, it is **27.6508, 32.6008, 77.5089**.

Distribution



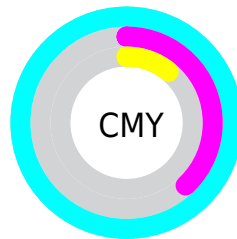
- Red (0%)
- Green (62%)
- Blue (89%)



- Red (0%)
- Yellow (36%)
- Blue (89%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (38%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0920, 29.9998, 77.0884 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 26.0920, 29.9998, 77.0884 by changing the saturation by 10% instead.

■ 26.0920, 29.9998,
77.0884

■ 26.0920, 29.9998,
77.0884

275.4818,
301.9035, 504.5110

■ 17.0255, 19.8384,
56.8134

■ 52.8536, 59.6619,
131.0384

■ 10.3481, 12.2777,
40.4471

■ 71.2794, 79.9313,
165.5505

■ 5.6944, 6.9331,
27.5709

■ 93.5557, 104.3390,
205.6455

■ 2.6990, 3.4203,
17.7662

■ 120.0478,
133.2692, 251.7417

■ 0.9967, 1.3549,
10.6146

■ 151.1211,
167.1064, 304.2579

■ 0.0000, 0.1831,
5.6974

187.1410,

■ 0.0000, 0.0000,

206.2349, 363.6125

2.5962

228.4728,
251.0391, 430.2240

■ 0.0000, 0.0000,
0.8905

■ 0.0000, 0.0000,
0.0000

■ 26.0920, 29.9998,
77.0884

■ 26.0920, 29.9998,
77.0884

■ 26.0894, 29.9944,
77.0881

■ 27.6508, 32.6008,
77.5089

■ 29.6832, 35.5453,
77.9702

■ 32.3216, 38.9035,
78.4793

■ 35.6422, 42.7161,
79.0402

■ 39.7093, 47.0177,
79.6561

■ 44.5790, 51.8387,
80.3300

■ 50.3020, 57.2065,
81.0645

■ 56.9246, 63.1465,
81.8620

■ 64.4895, 69.6820,
82.7247

Harmonies

Analogous

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



21.3794, 29.9998, 63.8816



26.0920, 29.9998, 77.0884



32.1695, 29.9998, 75.7150

Triad

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



26.0920, 29.9998, 77.0884



41.0741, 29.9998, 23.6090



20.7716, 29.9998, 14.9816

Complementary

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



26.0920, 29.9998, 77.0884



33.8108, 20.5945, 2.1948

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.



25.1463, 29.9998, 10.1162



26.0920, 29.9998, 77.0884



37.0816, 29.9998, 13.7504

Square

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



26.0920, 29.9998, 77.0884



41.4222, 29.9998, 40.3403



31.0812, 29.9998, 9.7635



18.6116, 29.9998, 26.0302

Rectangle

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



26.0920, 29.9998, 77.0884



36.1996, 29.9998, 66.7272



31.0812, 29.9998, 9.7635



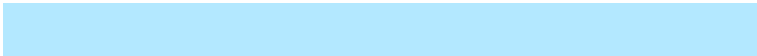
22.0012, 29.9998, 12.7676

Sweetspot

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



26.0931, 30.0008, 77.0892



65.3088, 74.3118, 105.5092



28.5178, 55.3581, 14.6736



13.2745, 15.2535, 22.4945



0.0000, 0.0000, 0.0000



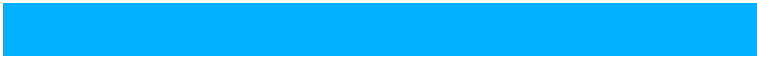
20.3446, 21.4041, 23.3091

Same Dimension

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



26.0931, 30.0008, 77.0892



33.8652, 38.8504, 100.3217



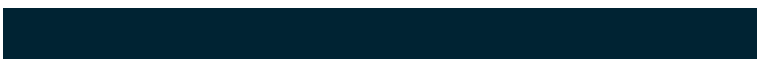
14.8215, 7.4575, 73.3320



14.4182, 15.5579, 18.3874



15.3226, 17.7073, 44.9934



1.2132, 1.4704, 3.3518

Inverse Universe

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



37.8512, 18.8010, 33.9825



49.2228, 24.4531, 43.9668



48.3278, 49.6285, 7.0338



14.7987, 14.5367, 17.1403



22.1276, 10.9853, 20.0990



1.6760, 0.8281, 1.7003

Previews

White Background



This preview shows how the XYZ color 26.0920, 29.9998, 77.0884 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 26.0920, 29.9998, 77.0884 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

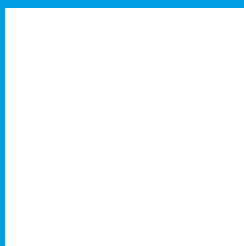
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0920, 29.9998, 77.0884

Background



This preview shows how black text looks on a background with the XYZ color 26.0920, 29.9998, 77.0884.



This preview shows how white text looks on a background with the XYZ color 26.0920, 29.9998,

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

26.0920, 29.9998, 77.0884

Protanopia

31.2607, 29.9275, 69.7746

Deuteranopia

30.6766, 29.9011, 78.2834

Trichromacy



Original Color

26.0920, 29.9998, 77.0884

Protanomaly

27.2658, 28.7386, 72.5167

Deuteranomaly

27.5466, 29.2512, 77.5930

Monochromacy



Original Color

26.0920, 29.9998, 77.0884

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.5396, 20.7802, 35.4343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0920, 29.9998, 77.0884 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, 158, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 227)  
}
```

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, 158, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 227) }
```

Border

The CSS property to change the border of an element to XYZ 26.0920, 29.9998, 77.0884 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, 158, 227) }
```

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

```
.border{ border-color:rgb(0, 158, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 158, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
227) }
```


Background

The CSS property to change the background color of an element to XYZ 26.0920, 29.9998, 77.0884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 227) }
```

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

```
.background{ background-color: rgb(0, 158,  
227) }
```

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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