

Converting Colors

XYZ(23.4463, 26.3715, 71.0795)

Have a look what the booklet for
XYZ(23.4463, 26.3715, 71.0795)
contains.

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Color

**XYZ(23.3761, 26.2943,
70.8611)**

Conversions

Conversions Part 1

Format	Color
Hex	0094DB
RGB	0, 148, 219
RGB Percent	0%, 58%, 86%
CMY	0.9998, 0.4196, 0.1412
CMYK	1.00, 0.32, 0.00, 0.14
HSL	199°, 100%, 43%
HSV	199°, 100%, 86%
XYZ	23.3761, 26.2943, 70.8611
YIQ	111.8420, -110.9990, -9.2950

Conversions

Conversions Part 2

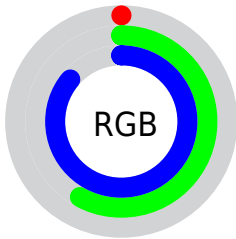
Format	Color
RYB	0, 88, 219
Decimal	38107
CIELab	58.32, -7.06, -45.19
CIELCh	58, 45.737, 261.123
Yxy	26.2943, 0.1939, 0.2182
Android (android.graphics.Color)	4278228187 (0xFF0094DB)
YUV	111.8420, 52.8289, -98.0854
Hunter-Lab	51.2780, -8.3636, -46.0384

Details

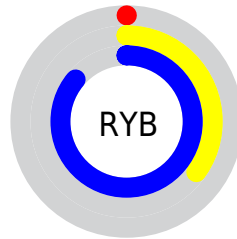
The XYZ color **23.3761, 26.2943, 70.8611** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **31.4706, 19.5736, 2.1210**, and the grayscale version is **15.2334, 16.0268, 17.4532**.

A 20% lighter version of the original color is **44.7640, 52.3446, 102.3519**, and **11.0685, 11.4157, 36.7420** is the 20% darker color. If you saturate the color by 10%, you get **23.3737, 26.2893, 70.8608**, and if you desaturate by 10%, it is **24.8547, 28.7616, 71.2600**.

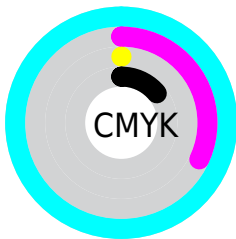
Distribution



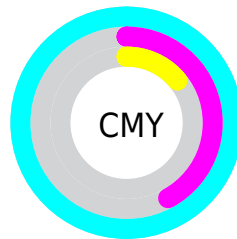
- Red (0%)
- Green (58%)
- Blue (86%)



- Red (0%)
- Yellow (35%)
- Blue (86%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (42%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3761, 26.2943, 70.8611 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 23.3761, 26.2943, 70.8611 by changing the saturation by 10% instead.

■ 23.3761, 26.2943,
70.8611

■ 23.3761, 26.2943,
70.8611

262.1503,
284.2238, 482.4383

■ 14.9937, 17.0439,
51.7477

■ 48.4723, 53.7493,
122.1285

■ 8.9012, 10.2658,
36.4232

■ 65.9167, 72.7228,
155.1197

■ 4.7334, 5.5756,
24.4689

■ 87.1126, 95.7061,
193.5738

■ 2.1248, 2.5888,
15.4664

■ 112.4252,
123.0836, 237.9095

■ 0.7027, 0.9210,
8.9971

■ 142.2199,
155.2398, 288.5452

■ 0.0000, 0.0000,
4.6425

176.8621,

■ 0.0000, 0.0000,

192.5589, 345.8996

1.9840

216.7171,
235.4255, 410.3911

■ 0.0000, 0.0000,
0.5454

■ 0.0000, 0.0000,
0.0000

■ 23.3761, 26.2943,
70.8611

■ 23.3761, 26.2943,
70.8611

■ 23.3737, 26.2893,
70.8608

■ 24.8547, 28.7616,
71.2600

■ 26.7752, 31.5597,
71.6988

■ 29.2616, 34.7544,
72.1844

■ 32.3837, 38.3834,
72.7204

■ 36.2003, 42.4788,
73.3097

■ 40.7632, 47.0686,
73.9551

■ 46.1189, 52.1787,
74.6592

■ 52.3099, 57.8322,
75.4241

■ 59.3755, 64.0511,
76.2521

Harmonies

Analogous

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



18.8569, 26.2943, 59.7449



23.3761, 26.2943, 70.8611



29.0517, 26.2943, 67.8087

Triad

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



23.3761, 26.2943, 70.8611



36.3670, 26.2943, 18.9417



17.5500, 26.2943, 13.3762

Complementary

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



23.3761, 26.2943, 70.8611



31.4706, 19.5736, 2.1210

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.



21.3292, 26.2943, 8.4968



23.3761, 26.2943, 70.8611



32.3312, 26.2943, 10.7804

Square

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



23.3761, 26.2943, 70.8611



37.1313, 26.2943, 33.6265



26.6806, 26.2943, 7.7656



15.8369, 26.2943, 24.1547

Rectangle

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



23.3761, 26.2943, 70.8611



32.7144, 26.2943, 58.4924



26.6806, 26.2943, 7.7656



18.5918, 26.2943, 11.1882

Sweetspot

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



23.3771, 26.2951, 70.8618



64.8755, 73.4452, 105.3648



26.4187, 51.0983, 14.1640



13.1708, 15.0460, 22.4599



0.0000, 0.0000, 0.0000



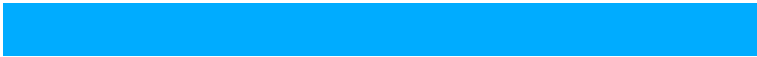
20.3446, 21.4041, 23.3091

Same Dimension

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



23.3771, 26.2951, 70.8618



32.8615, 36.8429, 99.9872



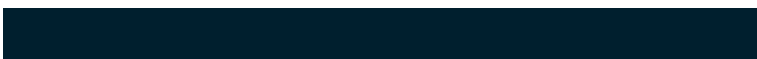
13.5523, 6.6456, 67.5869



13.0704, 14.0806, 16.6811



13.9628, 15.7950, 42.0512



0.9816, 1.1773, 2.7499

Inverse Universe

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



34.5597, 17.1995, 29.5159



48.7161, 24.2505, 41.2989



45.3062, 47.2447, 6.7328



13.4254, 13.1993, 15.5015



20.5431, 10.2183, 17.7718



1.3697, 0.6775, 1.3560

Previews

White Background



This preview shows how the XYZ color 23.3761, 26.2943, 70.8611 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 23.3761, 26.2943, 70.8611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

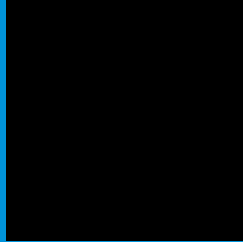
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.3761, 26.2943, 70.8611

Background



This preview shows how black text looks on a background with the XYZ color 23.3761, 26.2943, 70.8611.



This preview shows how white text looks on a background with the XYZ color 23.3761, 26.2943,

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

23.3761, 26.2943, 70.8611

Protanopia

27.5179, 26.1219, 64.5644

Deuteranopia

27.0453, 26.3563, 72.0684



Tritanopia

18.6043, 26.1959, 40.1522

Trichromacy



Original Color

23.3761, 26.2943, 70.8611



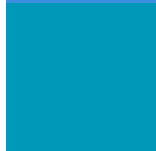
Protanomaly

24.2828, 25.2703, 66.5486



Deuteranomaly

24.6042, 25.7729, 71.3880



Tritanomaly

19.9852, 25.9593, 49.8562

Monochromacy



Original Color

23.3761, 26.2943, 70.8611



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

15.5181, 18.2412, 31.9812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3761, 26.2943, 70.8611 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, 148, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 219)  
}
```

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, 148, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 219) }
```

Border

The CSS property to change the border of an element to XYZ 23.3761, 26.2943, 70.8611 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, 148, 219) }
```


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

```
.border{ border-color:rgb(0, 148, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 148, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3761, 26.2943, 70.8611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 219) }
```

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

```
.background{ background-color: rgb(0, 148,  
219) }
```

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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