

Converting Colors

XYZ(15.0610, 22.5926, 73.6063)

Have a look what the booklet for
XYZ(15.0610, 22.5926, 73.6063)
contains.

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Color

**XYZ(24.3859, 27.4609,
73.8273)**

Conversions

Conversions Part 1

Format	Color
Hex	0097DF
RGB	0, 151, 223
RGB Percent	0%, 59%, 87%
CMY	0.9998, 0.4078, 0.1255
CMYK	1.00, 0.32, 0.00, 0.13
HSL	199°, 100%, 44%
HSV	199°, 100%, 87%
XYZ	24.3859, 27.4609, 73.8273
YIQ	114.0590, -113.1080, -9.6200

Conversions

Conversions Part 2

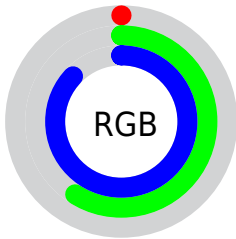
Format	Color
RYB	0, 90, 223
Decimal	38879
CIELab	59.40, -7.28, -45.71
CIELCh	59, 46.283, 260.951
Yxy	27.4609, 0.1940, 0.2185
Android (android.graphics.Color)	4278228959 (0xFF0097DF)
YUV	114.0590, 53.7079, -100.0297
Hunter-Lab	52.4031, -8.6402, -46.8475

Details

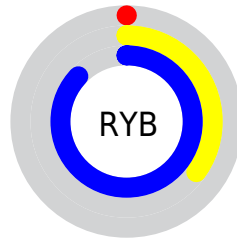
The XYZ color **24.3859, 27.4609, 73.8273** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **32.7531, 20.3304, 2.1995**, and the grayscale version is **15.8858, 16.7131, 18.2005**.

A 20% lighter version of the original color is **45.5902, 53.8257, 102.5943**, and **11.6287, 12.0974, 38.2813** is the 20% darker color. If you saturate the color by 10%, you get **24.3832, 27.4554, 73.8270**, and if you desaturate by 10%, it is **25.9198, 30.0255, 74.2421**.

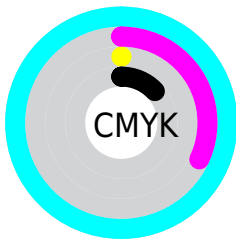
Distribution



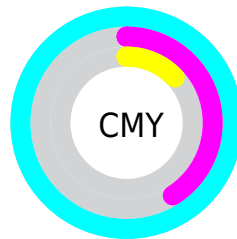
- Red (0%)
- Green (59%)
- Blue (87%)



- Red (0%)
- Yellow (35%)
- Blue (87%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (13%)



- Cyan (100%)
- Magenta (41%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3859, 27.4609, 73.8273 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 24.3859, 27.4609, 73.8273 by changing the saturation by 10% instead.

■ 24.3859, 27.4609,
73.8273

■ 24.3859, 27.4609,
73.8273

267.1701,
289.8818, 493.0246

■ 15.7464, 17.9197,
54.1568

■ 50.1093, 55.6226,
126.3827

■ 9.4346, 10.8923,
38.3330

■ 67.9239, 75.0118,
160.1047

■ 5.0851, 5.9945,
25.9374

■ 89.5277, 98.4525,
199.3476

■ 2.3325, 2.8417,
16.5515

■ 115.2858,
126.3291, 244.5300

■ 0.8112, 1.0497,
9.7567

■ 145.5638,
159.0259, 296.0703

■ 0.0000, 0.0000,
5.1344

180.7269,

■ 0.0000, 0.0000,

196.9274, 354.3871

2.2662

221.1406,
240.4179, 419.8990

■ 0.0000, 0.0000,
0.7122

■ 0.0000, 0.0000,
0.0000

■ 24.3859, 27.4609,
73.8273

■ 24.3859, 27.4609,
73.8273

■ 24.3832, 27.4554,
73.8270

■ 25.9198, 30.0255,
74.2421

■ 27.9149, 32.9345,
74.6984

■ 30.4996, 36.2561,
75.2033

■ 33.7467, 40.0297,
75.7606

■ 37.7180, 44.2887,
76.3733

■ 42.4675, 49.0626,
77.0444

■ 48.0438, 54.3782,
77.7765

■ 54.4913, 60.2598,
78.5720

■ 61.8512, 66.7303,
79.4330

Harmonies

Analogous

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



19.6871, 27.4609, 62.1916



24.3859, 27.4609, 73.8273



30.2945, 27.4609, 70.7403

Triad

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



24.3859, 27.4609, 73.8273



37.9611, 27.4609, 19.8730



18.3632, 27.4609, 13.9562

Complementary

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



24.3859, 27.4609, 73.8273



32.7531, 20.3304, 2.1995

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.



22.3131, 27.4609, 8.8930



24.3859, 27.4609, 73.8273



33.7749, 27.4609, 11.3240

Square

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



24.3859, 27.4609, 73.8273



38.7345, 27.4609, 35.2097



27.8942, 27.4609, 8.1510



16.5646, 27.4609, 25.1534

Rectangle

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



24.3859, 27.4609, 73.8273



34.1128, 27.4609, 61.0879



27.8942, 27.4609, 8.1510



19.4531, 27.4609, 11.6845

Sweetspot

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



24.3870, 27.4618, 73.8280



64.9038, 73.5018, 105.3742



27.5150, 53.2268, 14.7272



13.1775, 15.0595, 22.4622



0.0000, 0.0000, 0.0000



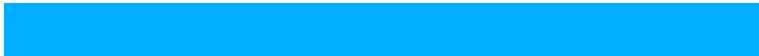
20.3446, 21.4041, 23.3091

Same Dimension

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



24.3870, 27.4618, 73.8280



32.9261, 36.9721, 100.0087



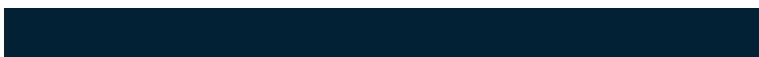
14.1107, 6.9092, 70.4026



13.7239, 14.7870, 17.5185



14.4435, 16.3565, 43.4442



1.0812, 1.2939, 3.0380

Inverse Universe

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



36.0184, 17.9238, 30.8400



48.7488, 24.2635, 41.4706



47.1862, 49.1966, 7.0106



14.0969, 13.8564, 16.2803



21.2306, 10.5592, 18.4119



1.5120, 0.7481, 1.4891

Previews

White Background



This preview shows how the XYZ color 24.3859, 27.4609, 73.8273 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 24.3859, 27.4609, 73.8273 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

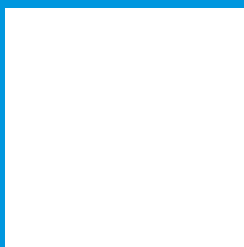
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3859, 27.4609, 73.8273

Background



This preview shows how black text looks on a background with the XYZ color 24.3859, 27.4609, 73.8273.

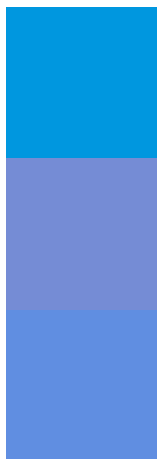


This preview shows how white text looks on a background with the XYZ color 24.3859, 27.4609,

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

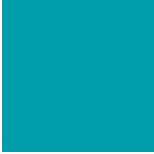
24.3859, 27.4609, 73.8273

Protanopia

28.7244, 27.3422, 66.7144

Deuteranopia

28.0875, 27.2690, 75.0172



Tritanopia

19.4826, 27.3560, 42.2836

Trichromacy



Original Color

24.3859, 27.4609, 73.8273



Protanomaly

25.3217, 26.4121, 69.4091



Deuteranomaly

25.5044, 26.6247, 74.3159



Tritanomaly

20.9067, 27.1168, 52.2763

Monochromacy



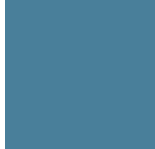
Original Color

24.3859, 27.4609, 73.8273



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

16.1698, 18.9283, 33.3731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3859, 27.4609, 73.8273 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, 151, 223)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 223)  
}
```

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, 151, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 223) }
```

Border

The CSS property to change the border of an element to XYZ 24.3859, 27.4609, 73.8273 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, 151, 223) }
```


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

```
.border{ border-color:rgb(0, 151, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 223);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3859, 27.4609, 73.8273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 223) }
```

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

```
.background{ background-color: rgb(0, 151,  
223) }
```

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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