

Converting Colors

XYZ(23.1078, 26.9617, 76.0324)

Have a look what the booklet for
XYZ(23.1078, 26.9617, 76.0324)
contains.

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Color

**XYZ(24.9557, 27.9475,
76.0306)**

Conversions

Conversions Part 1

Format	Color
Hex	0098E2
RGB	0, 152, 226
RGB Percent	0%, 60%, 89%
CMY	0.9998, 0.4039, 0.1137
CMYK	1.00, 0.33, 0.00, 0.11
HSL	200°, 100%, 44%
HSV	200°, 100%, 89%
XYZ	24.9557, 27.9475, 76.0306
YIQ	114.9880, -114.3460, -9.2100

Conversions

Conversions Part 2

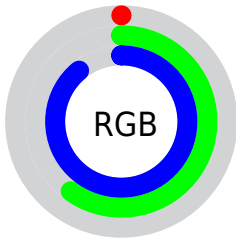
Format	Color
R _Y B	0, 91, 226
Decimal	39138
CIE Lab	59.84, -6.73, -46.67
CIE LCh	60, 47.157, 261.792
Yxy	27.9475, 0.1936, 0.2168
Android (android.graphics.Color)	4278229218 (0xFF0098E2)
YUV	114.9880, 54.7289, -100.8445
Hunter-Lab	52.8654, -8.2515, -48.2646

Details

The XYZ color **24.9557, 27.9475, 76.0306** 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 **33.8170, 21.0739, 2.2869**, and the grayscale version is **16.1617, 17.0034, 18.5167**.

A 20% lighter version of the original color is **45.9470, 54.3659, 102.6797**, and **11.9094, 12.2096, 39.7592** is the 20% darker color. If you saturate the color by 10%, you get **24.9531, 27.9421, 76.0303**, and if you desaturate by 10%, it is **26.5407, 30.6044, 76.4605**.

Distribution



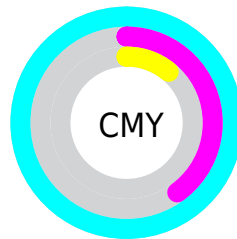
- Red (0%)
- Green (60%)
- Blue (89%)



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



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9557, 27.9475, 76.0306 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 24.9557, 27.9475, 76.0306 by changing the saturation by 10% instead.

■ 24.9557, 27.9475,
76.0306

■ 24.9557, 27.9475,
76.0306

269.9690,
292.2160, 500.8021

■ 16.1726, 18.2861,
55.9508

■ 51.0288, 56.4006,
129.5306

■ 9.7380, 11.1556,
39.7597

■ 69.0494, 75.9611,
163.7880

■ 5.2865, 6.1716,
27.0389

■ 90.8800, 99.5901,
203.6082

■ 2.4528, 2.9497,
17.3697

■ 116.8859,
127.6719, 249.4099

■ 0.8715, 1.1055,
10.3337

■ 147.4323,
160.5910, 301.6116

■ 0.0000, 0.0000,
5.5123

182.8848,

■ 0.0000, 0.0000,

198.7318, 360.6318

2.4869

223.6085,
242.4787, 426.8891

■ 0.0000, 0.0000,
0.8332

■ 0.0000, 0.0000,
0.0000

■ 24.9557, 27.9475,
76.0306

■ 24.9557, 27.9475,
76.0306

■ 24.9531, 27.9421,
76.0303

■ 26.5407, 30.6044,
76.4605

■ 28.6041, 33.6208,
76.9340

■ 31.2775, 37.0669,
77.4582

■ 34.6364, 40.9834,
78.0372

■ 38.7447, 45.4051,
78.6741

■ 43.6582, 50.3625,
79.3720

■ 49.4272, 55.8834,
80.1336

■ 56.0978, 61.9931,
80.9613

■ 63.7124, 68.7153,
81.8575

Harmonies

Analogous

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



20.0686, 27.9475, 64.3233



24.9557, 27.9475, 76.0306



31.0636, 27.9475, 72.3794

Triad

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



24.9557, 27.9475, 76.0306



38.7310, 27.9475, 19.7711



18.5155, 27.9475, 14.2714

Complementary

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



24.9557, 27.9475, 76.0306



33.8170, 21.0739, 2.2869

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.



22.5200, 27.9475, 8.9543



24.9557, 27.9475, 76.0306



34.3267, 27.9475, 11.1988

Square

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



24.9557, 27.9475, 76.0306



39.6430, 27.9475, 35.3763



28.2384, 27.9475, 8.0919



16.7326, 27.9475, 25.9678

Rectangle

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



24.9557, 27.9475, 76.0306



34.9845, 27.9475, 62.1675



28.2384, 27.9475, 8.0919



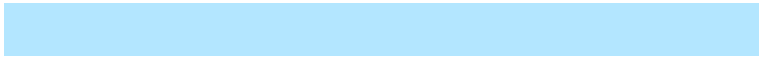
19.6151, 27.9475, 11.8925

Sweetspot

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



24.9568, 27.9484, 76.0313



64.8067, 73.3075, 105.3418



28.3541, 54.8563, 15.1574



13.1543, 15.0131, 22.4545



0.0000, 0.0000, 0.0000



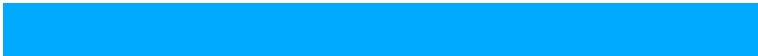
20.3446, 21.4041, 23.3091

Same Dimension

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



24.9568, 27.9484, 76.0313



32.7047, 36.5294, 99.9349



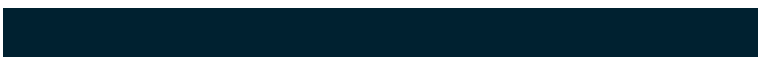
14.5379, 7.1106, 72.5584



13.7185, 14.7761, 17.5167



14.3483, 16.1661, 43.4125



1.0752, 1.2818, 3.0360

Inverse Universe

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



37.0325, 18.4371, 31.3134



48.6370, 24.2188, 40.8822



48.6253, 50.6904, 7.2230



14.0941, 13.8553, 16.2659



21.1825, 10.5400, 18.1589



1.5090, 0.7469, 1.4730

Previews

White Background



This preview shows how the XYZ color 24.9557, 27.9475, 76.0306 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 24.9557, 27.9475, 76.0306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

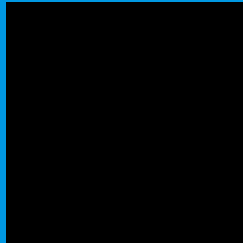
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.9557, 27.9475, 76.0306

Background



This preview shows how black text looks on a background with the XYZ color 24.9557, 27.9475, 76.0306.

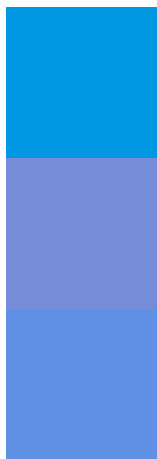


This preview shows how white text looks on a background with the XYZ color 24.9557, 27.9475,

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

24.9557, 27.9475, 76.0306

Protanopia

29.2557, 27.7895, 68.7877

Deuteranopia

28.8007, 28.0348, 77.2921

Trichromacy



Original Color

24.9557, 27.9475, 76.0306

Protanomaly

25.8677, 26.8740, 71.5340

Deuteranomaly

26.2233, 27.4056, 76.5807

Monochromacy



Original Color

24.9557, 27.9475, 76.0306

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3832, 19.2214, 33.8570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9557, 27.9475, 76.0306 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, 152, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 226)  
}
```

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, 152, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 226) }
```

Border

The CSS property to change the border of an element to XYZ 24.9557, 27.9475, 76.0306 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, 152, 226) }
```

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

```
.border{ border-color:rgb(0, 152, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
226) }
```


Background

The CSS property to change the background color of an element to XYZ 24.9557, 27.9475, 76.0306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 226) }
```

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

```
.background{ background-color: rgb(0, 152,  
226) }
```

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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