

Converting Colors

XYZ(22.0025, 26.2935, 77.0430)

Have a look what the booklet for
XYZ(22.0025, 26.2935, 77.0430)
contains.

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Color

**XYZ(25.2318, 28.0579,
77.4846)**

Conversions

Conversions Part 1

Format	Color
Hex	0098E4
RGB	0, 152, 228
RGB Percent	0%, 60%, 89%
CMY	0.9998, 0.4039, 0.1059
CMYK	1.00, 0.33, 0.00, 0.11
HSL	200°, 100%, 45%
HSV	200°, 100%, 89%
XYZ	25.2318, 28.0579, 77.4846
YIQ	115.2160, -114.9880, -8.5880

Conversions

Conversions Part 2

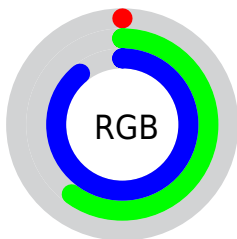
Format	Color
R _Y B	0, 91, 228
Decimal	39140
CIE Lab	59.94, -5.99, -47.63
CIE LCh	60, 48.001, 262.837
Yxy	28.0579, 0.1929, 0.2146
Android (android.graphics.Color)	4278229220 (0xFF0098E4)
YUV	115.2160, 55.6025, -101.0444
Hunter-Lab	52.9697, -7.6696, -49.6512

Details

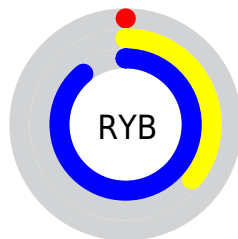
The XYZ color **25.2318, 28.0579, 77.4846** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **34.5838, 21.6710, 2.3618**, and the grayscale version is **16.2283, 17.0735, 18.5930**.

A 20% lighter version of the original color is **45.9470, 54.3659, 102.6797**, and **12.1001, 12.2859, 40.7634** is the 20% darker color. If you saturate the color by 10%, you get **25.2291, 28.0522, 77.4843**, and if you desaturate by 10%, it is **26.8559, 30.7862, 77.9262**.

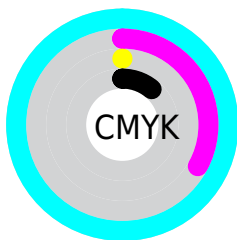
Distribution



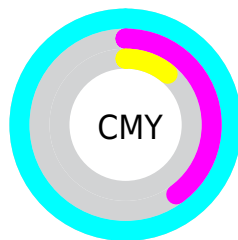
- Red (0%)
- Green (60%)
- Blue (89%)



- 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 25.2318, 28.0579, 77.4846 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 25.2318, 28.0579, 77.4846 by changing the saturation by 10% instead.

■ 25.2318, 28.0579,
77.4846

■ 25.2318, 28.0579,
77.4846

271.3168,
292.7435, 505.8962

■ 16.3795, 18.3693,
57.1368

■ 51.4732, 56.5769,
131.6026

■ 9.8856, 11.2155,
40.7050

■ 69.5930, 76.1760,
166.2098

■ 5.3849, 6.2119,
27.7707

■ 91.5327, 99.8475,
206.4072

■ 2.5119, 2.9744,
17.9153

■ 117.6576,
127.9757, 252.6133

■ 0.9012, 1.1184,
10.7204

■ 148.3331,
160.9450, 305.2468

■ 0.0000, 0.0000,
5.7673

183.9246,

■ 0.0000, 0.0000,

199.1398, 364.7260

2.6376

224.7973,
242.9445, 431.4696

■ 0.0000, 0.0000,
0.9118

■ 0.0000, 0.0000,
0.0000

■ 25.2318, 28.0579,
77.4846

■ 25.2318, 28.0579,
77.4846

■ 25.2291, 28.0522,
77.4843

■ 26.8559, 30.7862,
77.9262

■ 28.9714, 33.8871,
78.4133

■ 31.7121, 37.4318,
78.9530

■ 35.1554, 41.4624,
79.5495

■ 39.3664, 46.0143,
80.2062

■ 44.4026, 51.1191,
80.9261

■ 50.3153, 56.8052,
81.7120

■ 57.1515, 63.0985,
82.5664

■ 64.9549, 70.0235,
83.4918

Harmonies

Analogous

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



20.1902, 28.0579, 65.9112



25.2318, 28.0579, 77.4846



31.4855, 28.0579, 73.1573

Triad

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



25.2318, 28.0579, 77.4846



39.0078, 28.0579, 19.2774



18.3687, 28.0579, 14.4162

Complementary

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



25.2318, 28.0579, 77.4846



34.5838, 21.6710, 2.3618

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.



22.3691, 28.0579, 8.8684



25.2318, 28.0579, 77.4846



34.4018, 28.0579, 10.8350

Square

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



25.2318, 28.0579, 77.4846



40.0845, 28.0579, 34.9346



28.1581, 28.0579, 7.8688



16.6392, 28.0579, 26.5490

Rectangle

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



25.2318, 28.0579, 77.4846



35.4667, 28.0579, 62.4061



28.1581, 28.0579, 7.8688



19.4603, 28.0579, 11.9417

Sweetspot

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



25.2329, 28.0588, 77.4853



64.6812, 73.0566, 105.3000



29.0502, 56.0099, 16.1244



13.1243, 14.9530, 22.4445



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.



25.2329, 28.0588, 77.4853



32.4209, 35.9618, 99.8403



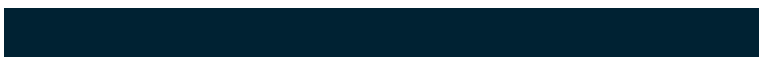
14.6991, 6.9912, 73.9741



14.3814, 15.4842, 18.3751



14.6813, 16.4247, 44.7797



1.1695, 1.3828, 3.3372

Inverse Universe

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



37.6634, 18.7624, 31.3428



48.4938, 24.1615, 40.1278



50.4111, 53.3256, 7.6376



14.7801, 14.5292, 17.0424



21.8040, 10.8558, 18.3944



1.6539, 0.8193, 1.5840

Previews

White Background



This preview shows how the XYZ color 25.2318, 28.0579, 77.4846 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 25.2318, 28.0579, 77.4846 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

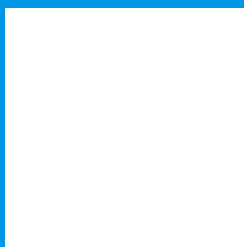
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2318, 28.0579, 77.4846

Background



This preview shows how black text looks on a background with the XYZ color 25.2318, 28.0579, 77.4846.



This preview shows how white text looks on a background with the XYZ color 25.2318, 28.0579,

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

25.2318, 28.0579, 77.4846

Protanopia

29.3822, 27.8247, 70.1518

Deuteranopia

28.8723, 28.0394, 78.7533



Tritanopia

19.9215, 28.0819, 42.8985

Trichromacy



Original Color

25.2318, 28.0579, 77.4846

Protanomaly

26.1343, 26.9806, 72.9376

Deuteranomaly

26.4401, 27.4852, 78.0404

Tritanomaly

21.5714, 27.9197, 54.1213

Monochromacy



Original Color

25.2318, 28.0579, 77.4846

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.4676, 19.2551, 34.3012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2318, 28.0579, 77.4846 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 228) }
```

Border

The CSS property to change the border of an element to XYZ 25.2318, 28.0579, 77.4846 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, 228) }
```


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

```
.border{ border-color:rgb(0, 152, 228) }
```

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, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 228);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2318, 28.0579, 77.4846 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, 228) }
```

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

```
.background{ background-color: rgb(0, 152,  
228) }
```

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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