

Converting Colors

XYZ(26.1331, 28.9271, 79.9307)

Have a look what the booklet for
XYZ(26.1331, 28.9271, 79.9307)
contains.

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Color

**XYZ(26.1310, 28.9589,
79.8137)**

Conversions

Conversions Part 1

Format	Color
Hex	0C9AE7
RGB	12, 154, 231
RGB Percent	5%, 60%, 91%
CMY	0.9527, 0.3961, 0.0941
CMYK	0.95, 0.33, 0.00, 0.09
HSL	201°, 90%, 48%
HSV	201°, 95%, 91%
XYZ	26.1310, 28.9589, 79.8137
YIQ	120.3200, -109.3490, -6.1570

Conversions

Conversions Part 2

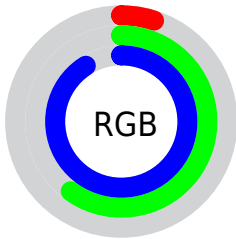
Format	Color
R_{YB}	12, 98, 231
Decimal	826087
CIE _{Lab}	60.75, -5.68, -48.01
CIE _{LCh}	61, 48.346, 263.253
Yxy	28.9589, 0.1937, 0.2147
Android (android.graphics.Color)	4279016167 (0xFF0C9AE7)
YUV	120.3200, 54.5652, -94.9966
Hunter-Lab	53.8135, -7.4967, -50.2668

Details

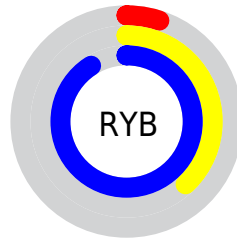
The XYZ color **26.1310, 28.9589, 79.8137** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **36.5985, 24.1689, 3.0856**, and the grayscale version is **17.8161, 18.7439, 20.4121**.

A 20% lighter version of the original color is **46.7902, 55.5199, 102.8580**, and **12.5881, 12.7956, 42.3638** is the 20% darker color. If you saturate the color by 10%, you get **25.2926, 27.5069, 79.5782**, and if you desaturate by 10%, it is **28.0646, 32.0144, 80.3022**.

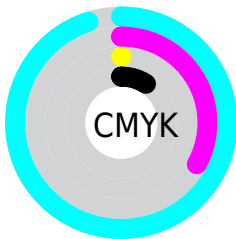
Distribution



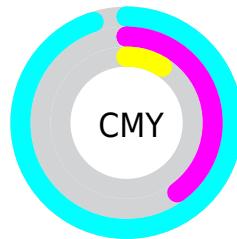
- Red (5%)
- Green (60%)
- Blue (91%)



- Red (5%)
- Yellow (38%)
- Blue (91%)



- Cyan (95%)
- Magenta (33%)
- Yellow (0%)
- Black (9%)



- Cyan (95%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1310, 28.9589, 79.8137 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 26.1310, 28.9589, 79.8137 by changing the saturation by 10% instead.

■ 26.1310, 28.9589,
79.8137

■ 26.1310, 28.9589,
79.8137

275.6695,
297.0210, 513.9950

■ 17.0549, 19.0497,
59.0398

■ 52.9160, 58.0118,
134.9128

■ 10.3692, 11.7062,
42.2249

■ 71.3556, 77.9243,
170.0751

■ 5.7085, 6.5440,
28.9506

■ 93.6470, 101.9400,
210.8706

■ 2.7076, 3.1786,
18.7982

■ 120.1557,
130.4434, 257.7178

■ 1.0011, 1.2257,
11.3492

■ 151.2469,
163.8188, 311.0353

■ 0.0000, 0.0825,
6.1851

187.2860,

■ 0.0000, 0.0000,

202.4506, 371.2416

2.8874

228.6384,
246.7232, 438.7554

■ 0.0000, 0.0000,
1.0374

■ 0.0000, 0.0000,
0.0000

■ 26.1310, 28.9589,
79.8137

■ 26.1310, 28.9589,
79.8137

■ 25.2926, 27.5069,
79.5782

■ 28.0646, 32.0144,
80.3022

■ 30.6050, 35.5196,
80.8449

■ 33.8421, 39.5238,
81.4471

■ 37.8491, 44.0671,
82.1129

■ 42.6888, 49.1843,
82.8455

■ 48.4174, 54.9067,
83.6481

■ 55.0856, 61.2626,
84.5235

■ 62.7404, 68.2785,
85.4743

■ 71.4252, 75.9789,
86.5028

Harmonies

Analogous

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



20.9174, 28.9589, 68.1245



26.1310, 28.9589, 79.8137



32.5691, 28.9589, 75.1382

Triad

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



26.1310, 28.9589, 79.8137



40.1677, 28.9589, 19.7600



18.9428, 28.9589, 15.0443

Complementary

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



26.1310, 28.9589, 79.8137



36.5985, 24.1689, 3.0856

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.



23.0298, 28.9589, 9.2438



26.1310, 28.9589, 79.8137



35.3943, 28.9589, 11.1540

Square

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



26.1310, 28.9589, 79.8137



41.3325, 28.9589, 35.7685



28.9668, 28.9589, 8.1562



17.1954, 28.9589, 27.6427

Rectangle

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



26.1310, 28.9589, 79.8137



36.6496, 28.9589, 63.9968



28.9668, 28.9589, 8.1562



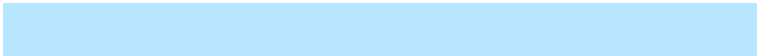
20.0558, 28.9589, 12.4633

Sweetspot

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



26.1321, 28.9598, 79.8145



65.9878, 73.8936, 105.3927



30.5184, 57.9468, 18.9580



13.3554, 15.0818, 22.4571



0.0000, 0.0000, 0.0000



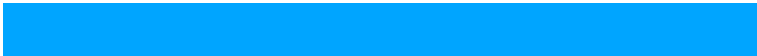
20.3446, 21.4041, 23.3091

Same Dimension

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



26.1321, 28.9598, 79.8145



31.5634, 34.2468, 99.5545



15.5106, 7.7168, 76.2739



14.3586, 15.4386, 18.3675



14.3000, 15.6622, 44.6526



1.1432, 1.3303, 3.3285

Inverse Universe

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



38.9202, 19.5864, 32.3018



48.0609, 23.9884, 37.8486



53.2523, 57.4764, 8.6368



14.7686, 14.5246, 16.9818



21.6115, 10.7788, 17.3810



1.6407, 0.8140, 1.5142

Previews

White Background



This preview shows how the XYZ color 26.1310, 28.9589, 79.8137 looks on a white background.

Color Contrast Check

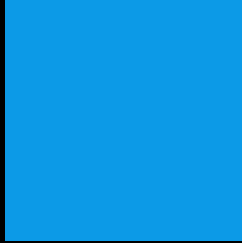
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1310, 28.9589, 79.8137 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

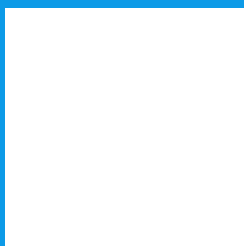
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1310, 28.9589, 79.8137

Background



This preview shows how black text looks on a background with the XYZ color 26.1310, 28.9589, 79.8137.

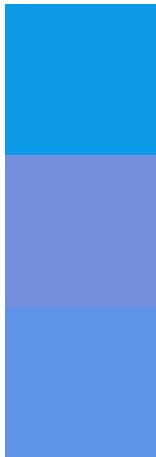


This preview shows how white text looks on a background with the XYZ color 26.1310, 28.9589,

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

26.1310, 28.9589, 79.8137

Protanopia

30.3448, 28.7169, 72.3502

Deuteranopia

29.7062, 28.8739, 81.0983



Tritanopia

20.5603, 28.8967, 44.5384

Trichromacy



Original Color

26.1310, 28.9589, 79.8137

Protanomaly

27.2488, 27.9659, 75.1960

Deuteranomaly

27.4929, 28.4449, 80.3853

Tritanomaly

22.2985, 28.7622, 56.0062

Monochromacy



Original Color

26.1310, 28.9589, 79.8137

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9898, 20.7899, 36.3224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1310, 28.9589, 79.8137 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(12, 154, 231)` looks like.

```
.text, #text, p{  
    color:rgb(12, 154, 231)  
}
```

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(12, 154, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 154, 231) }
```

Border

The CSS property to change the border of an element to XYZ 26.1310, 28.9589, 79.8137 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(12, 154, 231) }
```


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

```
.border{ border-color:rgb(12, 154, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 154, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 154, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 154, 231);  
box-shadow:4px 4px 4px 4px rgb(12, 154,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1310, 28.9589, 79.8137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 154, 231) }
```

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

```
.background{ background-color: rgb(12, 154,  
231) }
```

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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