

Converting Colors

XYZ(11.8114, 22.1791, 77.7452)

Have a look what the booklet for
XYZ(11.8114, 22.1791, 77.7452)
contains.

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Color

**XYZ(26.0313, 29.4341,
78.4381)**

Conversions

Conversions Part 1

Format	Color
Hex	009CE5
RGB	0, 156, 229
RGB Percent	0%, 61%, 90%
CMY	0.9998, 0.3882, 0.1020
CMYK	1.00, 0.32, 0.00, 0.10
HSL	199°, 100%, 45%
HSV	199°, 100%, 90%
XYZ	26.0313, 29.4341, 78.4381
YIQ	117.6780, -116.4090, -10.3690

Conversions

Conversions Part 2

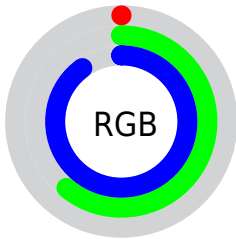
Format	Color
R _Y B	0, 93, 229
Decimal	40165
CIE Lab	61.16, -7.89, -46.25
CIE LCh	61, 46.918, 260.315
Yxy	29.4341, 0.1944, 0.2198
Android (android.graphics.Color)	4278230245 (0xFF009CE5)
YUV	117.6780, 54.8817, -103.2036
Hunter-Lab	54.2532, -9.2968, -47.7430

Details

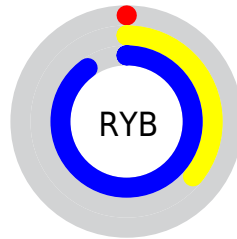
The XYZ color **26.0313, 29.4341, 78.4381** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **34.6998, 21.4306, 2.3092**, and the grayscale version is **16.9852, 17.8697, 19.4601**.

A 20% lighter version of the original color is **47.0405, 56.3774, 103.0104**, and **12.5944, 13.1203, 41.4038** is the 20% darker color. If you saturate the color by 10%, you get **26.0287, 29.4287, 78.4378**, and if you desaturate by 10%, it is **27.6464, 32.1411, 78.8761**.

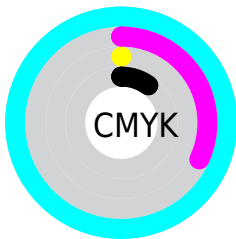
Distribution



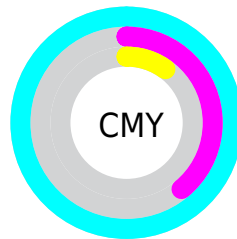
- Red (0%)
- Green (61%)
- Blue (90%)



- Red (0%)
- Yellow (36%)
- Blue (90%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (39%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0313, 29.4341, 78.4381 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 26.0313, 29.4341, 78.4381 by changing the saturation by 10% instead.

■ 26.0313, 29.4341,
78.4381

■ 26.0313, 29.4341,
78.4381

■ 275.1896,
299.2577, 509.2207

■ 16.9799, 19.4095,
57.9154

■ 52.7564, 58.7661,
132.9590

■ 10.3153, 11.9665,
41.3263

■ 71.1607, 78.8422,
167.7942

■ 5.6724, 6.7209,
28.2526

■ 93.4134, 103.0376,
208.2374

■ 2.6857, 3.2882,
18.2754

■ 119.8798,
131.7367, 254.7070

■ 0.9898, 1.2840,
10.9764

■ 150.9253,
165.3238, 307.6216

■ 0.0000, 0.1287,
5.9370

186.9152,

■ 0.0000, 0.0000,

204.1835, 367.3997

2.7386

228.2148,
248.6999, 434.4599

■ 0.0000, 0.0000,
0.9628

■ 0.0000, 0.0000,
0.0000

■ 26.0313, 29.4341,
78.4381

■ 26.0313, 29.4341,
78.4381

■ 26.0287, 29.4287,
78.4378

■ 27.6464, 32.1411,
78.8761

■ 29.7516, 35.2115,
79.3578

■ 32.4818, 38.7172,
79.8906

■ 35.9150, 42.7001,
80.4784

■ 40.1169, 47.1957,
81.1247

■ 45.1452, 52.2357,
81.8325

■ 51.0519, 57.8483,
82.6045

■ 57.8843, 64.0596,
83.4433

■ 65.6863, 70.8938,
84.3512

Harmonies

Analogous

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



21.0765, 29.4341, 65.8646



26.0313, 29.4341, 78.4381



32.2911, 29.4341, 75.5225

Triad

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



26.0313, 29.4341, 78.4381



40.6128, 29.4341, 21.6595



19.8184, 29.4341, 14.9067

Complementary

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



26.0313, 29.4341, 78.4381



34.6998, 21.4306, 2.3092

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.



24.0639, 29.4341, 9.6078



26.0313, 29.4341, 78.4381



36.2380, 29.4341, 12.3962

Square

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



26.0313, 29.4341, 78.4381



41.3449, 29.4341, 38.0983



30.0157, 29.4341, 8.8978



17.8533, 29.4341, 26.6760

Rectangle

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



26.0313, 29.4341, 78.4381



36.3565, 29.4341, 65.4784



30.0157, 29.4341, 8.8978



20.9942, 29.4341, 12.5237

Sweetspot

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



26.0324, 29.4350, 78.4389



64.9913, 73.6768, 105.4034



29.2081, 56.5146, 15.5953



13.1985, 15.1014, 22.4692



0.0000, 0.0000, 0.0000



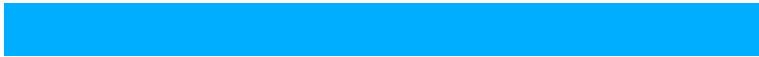
20.3446, 21.4041, 23.3091

Same Dimension

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



26.0324, 29.4350, 78.4389



33.1268, 37.3737, 100.0756



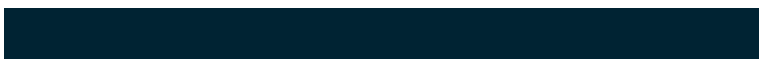
14.9727, 7.3155, 74.7523



14.3997, 15.5207, 18.3812



14.9949, 17.0519, 44.8842



1.1909, 1.4258, 3.3444

Inverse Universe

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



38.3149, 19.0597, 33.1127



48.8501, 24.3040, 42.0042



50.0899, 52.2107, 7.4392



14.7893, 14.5329, 17.0909



21.9622, 10.9191, 19.2280



1.6647, 0.8236, 1.6411

Previews

White Background



This preview shows how the XYZ color 26.0313, 29.4341, 78.4381 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 26.0313, 29.4341, 78.4381 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

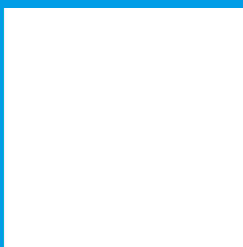
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0313, 29.4341, 78.4381

Background



This preview shows how black text looks on a background with the XYZ color 26.0313, 29.4341, 78.4381.

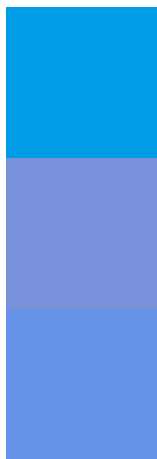


This preview shows how white text looks on a background with the XYZ color 26.0313, 29.4341,

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

26.0313, 29.4341, 78.4381

Protanopia

30.6446, 29.1259, 71.0246

Deuteranopia

30.2244, 29.4037, 79.6838



Tritanopia

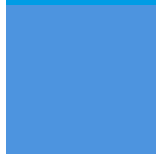
20.8351, 29.2895, 45.1128

Trichromacy



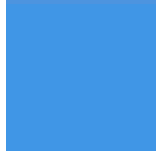
Original Color

26.0313, 29.4341, 78.4381



Protanomaly

26.9698, 28.0853, 73.8116



Deuteranomaly

27.3036, 28.6159, 78.9473



Tritanomaly

22.4211, 29.0817, 56.0614

Monochromacy



Original Color

26.0313, 29.4341, 78.4381



Achromatopsia

17.2197, 18.1164, 19.7288



Achromatomaly

17.3245, 20.4670, 35.3852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0313, 29.4341, 78.4381 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, 156, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 229)  
}
```

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, 156, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 229) }
```

Border

The CSS property to change the border of an element to XYZ 26.0313, 29.4341, 78.4381 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, 156, 229) }
```


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

```
.border{ border-color:rgb(0, 156, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0313, 29.4341, 78.4381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 229) }
```

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

```
.background{ background-color: rgb(0, 156,  
229) }
```

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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