

Converting Colors

XYZ(26.4403, 28.9993, 82.0470)

Have a look what the booklet for
XYZ(26.4403, 28.9993, 82.0470)
contains.

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Color

**XYZ(26.4820, 29.0904,
82.0612)**

Conversions

Conversions Part 1

Format	Color
Hex	069AEA
RGB	6, 154, 234
RGB Percent	2%, 60%, 92%
CMY	0.9762, 0.3961, 0.0823
CMYK	0.97, 0.34, 0.00, 0.08
HSL	201°, 95%, 47%
HSV	201°, 97%, 92%
XYZ	26.4820, 29.0904, 82.0612
YIQ	118.8680, -113.8880, -6.4960

Conversions

Conversions Part 2

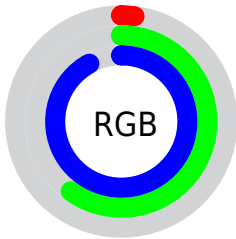
Format	Color
R _Y B	6, 96, 234
Decimal	432874
CIE Lab	60.86, -4.73, -49.49
CIE LCh	61, 49.714, 264.540
Yxy	29.0904, 0.1924, 0.2114
Android (android.graphics.Color)	4278622954 (0xFF069AEA)
YUV	118.8680, 56.7601, -98.9852
Hunter-Lab	53.9355, -6.7448, -52.4530

Details

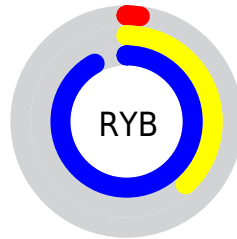
The XYZ color **26.4820, 29.0904, 82.0612** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **37.2982, 24.1718, 2.8740**, and the grayscale version is **17.3515, 18.2552, 19.8799**.

A 20% lighter version of the original color is **46.7902, 55.5199, 102.8580**, and **12.8861, 12.9148, 43.9331** is the 20% darker color. If you saturate the color by 10%, you get **26.0590, 28.3557, 81.9423**, and if you desaturate by 10%, it is **28.3294, 32.1248, 82.5502**.

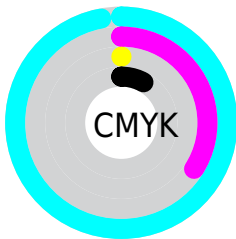
Distribution



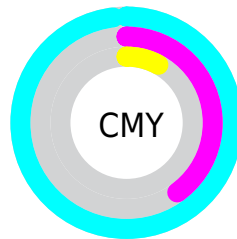
- Red (2%)
- Green (60%)
- Blue (92%)



- Red (2%)
- Yellow (38%)
- Blue (92%)



- Cyan (97%)
- Magenta (34%)
- Yellow (0%)
- Black (8%)



- Cyan (98%)
- Magenta (40%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4820, 29.0904, 82.0612 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 26.4820, 29.0904, 82.0612 by changing the saturation by 10% instead.

■ 26.4820, 29.0904,
82.0612

■ 26.4820, 29.0904,
82.0612

277.3537,
297.6413, 521.7412

■ 17.3191, 19.1492,
60.8799

■ 53.4773, 58.2207,
138.0973

■ 10.5590, 11.7781,
43.6983

■ 72.0404, 78.1786,
173.7891

■ 5.8362, 6.5928,
30.0979

■ 94.4677, 102.2442,
215.1548

■ 2.7855, 3.2088,
19.6603

■ 121.1245,
130.8018, 262.6130

■ 1.0414, 1.2417,
11.9667

■ 152.3762,
164.2360, 316.5822

■ 0.0000, 0.0954,
6.5987

188.5880,

■ 0.0000, 0.0000,

202.9310, 377.4810

3.1378

230.1254,
247.2713, 445.7278

■ 0.0000, 0.0000,
1.1654

■ 0.0000, 0.0000,
0.0000

■ 26.4820, 29.0904,
82.0612

■ 26.4820, 29.0904,
82.0612

■ 26.0590, 28.3557,
81.9423

■ 28.3294, 32.1248,
82.5502

■ 30.7674, 35.6036,
83.0931

■ 33.9010, 39.5839,
83.6963

■ 37.8091, 44.1090,
84.3637

■ 42.5589, 49.2159,
85.0991

■ 48.2101, 54.9377,
85.9057

■ 54.8164, 61.3046,
86.7864

■ 62.4271, 68.3441,
87.7441

■ 71.0880, 76.0821,
88.7812

Harmonies

Analogous

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



21.0390, 29.0904, 70.4855



26.4820, 29.0904, 82.0612



33.1480, 29.0904, 76.4266

Triad

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



26.4820, 29.0904, 82.0612



40.5881, 29.0904, 19.0562



18.6999, 29.0904, 15.1684

Complementary

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



26.4820, 29.0904, 82.0612



37.2982, 24.1718, 2.8740

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.



22.7955, 29.0904, 9.0544



26.4820, 29.0904, 82.0612



35.5174, 29.0904, 10.6075

Square

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



26.4820, 29.0904, 82.0612



41.9831, 29.0904, 35.1890



28.8509, 29.0904, 7.7911



17.0177, 29.0904, 28.4022

Rectangle

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



26.4820, 29.0904, 82.0612



37.3310, 29.0904, 64.4818



28.8509, 29.0904, 7.7911



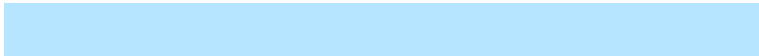
19.8058, 29.0904, 12.4547

Sweetspot

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



26.4831, 29.0913, 82.0620



65.1497, 73.1136, 105.2863



31.1724, 59.5546, 18.6231



13.1960, 14.9313, 22.4365



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.



26.4831, 29.0913, 82.0620



31.5958, 34.3115, 99.5653



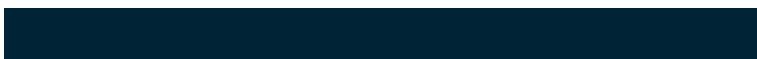
15.6948, 7.5146, 78.4658



15.0470, 16.1805, 19.2523



14.7660, 16.1791, 46.0876



1.2492, 1.4498, 3.6489

Inverse Universe

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



39.8307, 19.9574, 32.3252



48.0773, 23.9949, 37.9346



54.5756, 58.7267, 8.6331



15.4773, 15.2188, 17.7987



22.3085, 11.1261, 17.9578



1.7970, 0.8918, 1.6485

Previews

White Background



This preview shows how the XYZ color 26.4820, 29.0904, 82.0612 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 26.4820, 29.0904, 82.0612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

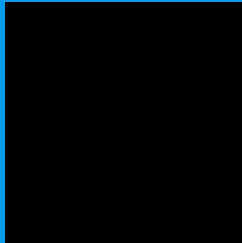
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

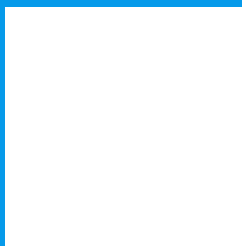
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4820, 29.0904, 82.0612

Background



This preview shows how black text looks on a background with the XYZ color 26.4820, 29.0904, 82.0612.



This preview shows how white text looks on a background with the XYZ color 26.4820, 29.0904,

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

26.4820, 29.0904, 82.0612

Protanopia

30.6131, 28.8086, 74.4681

Deuteranopia

29.8328, 28.8892, 83.3607



Tritanopia

20.5603, 28.8967, 44.5384

Trichromacy



Original Color

26.4820, 29.0904, 82.0612



Protanomaly

27.4979, 28.0467, 77.3630



Deuteranomaly

27.6673, 28.4852, 82.6372



Tritanomaly

22.3870, 28.7947, 56.6026

Monochromacy



Original Color

26.4820, 29.0904, 82.0612



Achromatopsia

17.5343, 18.4475, 20.0893



Achromatomaly

17.8262, 20.6954, 36.7733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4820, 29.0904, 82.0612 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(6, 154, 234)` looks like.

```
.text, #text, p{  
    color:rgb(6, 154, 234)  
}
```

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(6, 154, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 154, 234) }
```

Border

The CSS property to change the border of an element to XYZ 26.4820, 29.0904, 82.0612 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(6, 154, 234) }
```


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

```
.border{ border-color:rgb(6, 154, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 154, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 154, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 154, 234);  
box-shadow:4px 4px 4px 4px rgb(6, 154,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4820, 29.0904, 82.0612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 154, 234) }
```

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

```
.background{ background-color: rgb(6, 154,  
234) }
```

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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