

Converting Colors

XYZ(26.8291, 29.4576, 82.0358)

Have a look what the booklet for
XYZ(26.8291, 29.4576, 82.0358)
contains.

XYZ(26.8819, 29.5426, 82.1274)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(26.8819, 29.5426,
82.1274)**

Conversions

Conversions Part 1

Format	Color
Hex	159BEA
RGB	21, 155, 234
RGB Percent	8%, 61%, 92%
CMY	0.9175, 0.3922, 0.0823
CMYK	0.91, 0.34, 0.00, 0.08
HSL	202°, 84%, 50%
HSV	202°, 91%, 92%
XYZ	26.8819, 29.5426, 82.1274
YIQ	123.9400, -105.2230, -3.8390

Conversions

Conversions Part 2

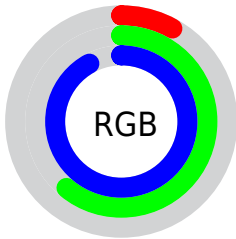
Format	Color
R _Y B	21, 103, 234
Decimal	1416170
CIE Lab	61.26, -4.80, -48.85
CIE LCh	61, 49.089, 264.385
Yxy	29.5426, 0.1940, 0.2132
Android (android.graphics.Color)	4279606250 (0xFF159BEA)
YUV	123.9400, 54.2596, -90.2784
Hunter-Lab	54.3531, -6.8356, -51.5399

Details

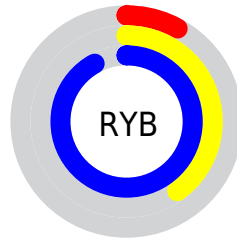
The XYZ color **26.8819, 29.5426, 82.1274** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **38.6285, 26.6685, 3.8229**, and the grayscale version is **18.9926, 19.9817, 21.7600**.

A 20% lighter version of the original color is **47.4060, 56.2004, 102.9569**, and **12.9862, 13.1150, 43.9665** is the 20% darker color. If you saturate the color by 10%, you get **25.3158, 26.8693, 81.6946**, and if you desaturate by 10%, it is **29.1276, 32.9229, 82.6622**.

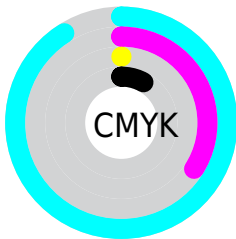
Distribution



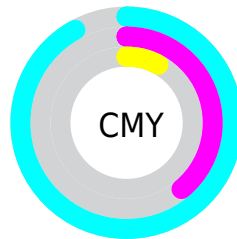
- Red (8%)
- Green (61%)
- Blue (92%)



- Red (8%)
- Yellow (40%)
- Blue (92%)



- Cyan (91%)
- Magenta (34%)
- Yellow (0%)
- Black (8%)



- Cyan (92%)
- Magenta (39%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8819, 29.5426, 82.1274 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 26.8819, 29.5426, 82.1274 by changing the saturation by 10% instead.

■ 26.8819, 29.5426,
82.1274

■ 26.8819, 29.5426,
82.1274

279.2628,
299.7666, 521.9684

■ 17.6207, 19.4917,
60.9341

■ 54.1155, 58.9381,
138.1909

■ 10.7760, 12.0261,
43.7418

■ 72.8186, 79.0514,
173.8983

■ 5.9826, 6.7614,
30.1319

■ 95.3997, 103.2877,
215.2807

■ 2.8751, 3.3134,
19.6858

■ 122.2242,
132.0312, 262.7568

■ 1.0880, 1.2974,
11.9851

■ 153.6574,
165.6665, 316.7451

■ 0.0151, 0.1392,
6.6111

190.0647,

■ 0.0000, 0.0000,

204.5779, 377.6641

3.1454

231.8114,
249.1498, 445.9323

■ 0.0000, 0.0000,
1.1693

■ 0.0000, 0.0000,
0.0000

■ 26.8819, 29.5426,
82.1274

■ 26.8819, 29.5426,
82.1274

■ 25.3158, 26.8693,
81.6946

■ 29.1276, 32.9229,
82.6622

■ 32.0456, 36.8068,
83.2580

■ 35.7219, 41.2419,
83.9203

■ 40.2277, 46.2679,
84.6530

■ 45.6255, 51.9199,
85.4594

■ 51.9711, 58.2295,
86.3428

■ 59.3156, 65.2258,
87.3061

■ 67.7064, 72.9357,
88.3521

■ 77.1874, 81.3846,
89.4832

Harmonies

Analogous

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



21.4511, 29.5426, 70.6051



26.8819, 29.5426, 82.1274



33.5247, 29.5426, 76.6461

Triad

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



26.8819, 29.5426, 82.1274



40.9757, 29.5426, 19.6045



19.1458, 29.5426, 15.5837

Complementary

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



26.8819, 29.5426, 82.1274



38.6285, 26.6685, 3.8229

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.



23.2581, 29.5426, 9.4318



26.8819, 29.5426, 82.1274



35.9491, 29.5426, 11.0523

Square

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



26.8819, 29.5426, 82.1274



42.3392, 29.5426, 35.7732



29.3119, 29.5426, 8.1679



17.4455, 29.5426, 28.8115

Rectangle

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



26.8819, 29.5426, 82.1274



37.6917, 29.5426, 64.8636



29.3119, 29.5426, 8.1679



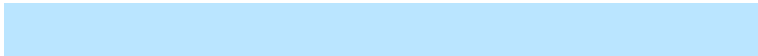
20.2582, 29.5426, 12.8575

Sweetspot

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



26.8831, 29.5435, 82.1282



66.4829, 73.9713, 105.3816



31.9912, 59.9092, 21.7132



13.6005, 15.2263, 22.4721



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.



26.8831, 29.5435, 82.1282



30.6914, 32.5027, 99.2638



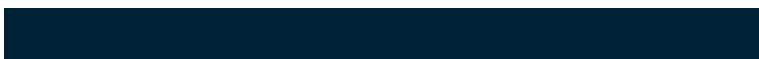
16.2780, 8.3335, 78.5932



15.0208, 16.1281, 19.2436



14.3504, 15.3477, 45.9490



1.2184, 1.3883, 3.6386

Inverse Universe

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



40.1174, 20.3969, 32.8335



47.6208, 23.8123, 35.5307



56.0442, 61.5000, 9.6282



15.4641, 15.2135, 17.7291



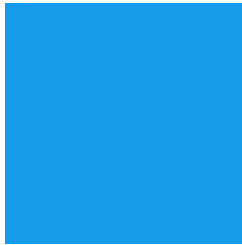
22.0987, 11.0422, 16.8530



1.7815, 0.8856, 1.5667

Previews

White Background



This preview shows how the XYZ color 26.8819, 29.5426, 82.1274 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 26.8819, 29.5426, 82.1274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

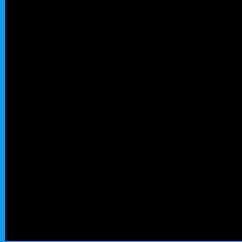
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

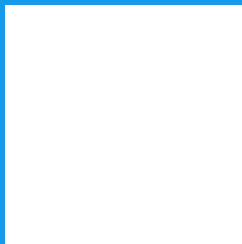
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8819, 29.5426, 82.1274

Background



This preview shows how black text looks on a background with the XYZ color 26.8819, 29.5426, 82.1274.



This preview shows how white text looks on a background with the XYZ color 26.8819, 29.5426,

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

26.8819, 29.5426, 82.1274

Protanopia

31.0351, 29.2343, 75.2412

Deuteranopia

30.2934, 29.3565, 83.4266

Trichromacy



Original Color

26.8819, 29.5426, 82.1274

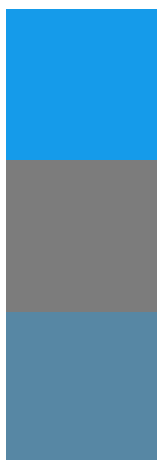
Protanomaly

28.1608, 28.6202, 77.4388

Deuteranomaly

28.2856, 29.0398, 82.7117

Monochromacy



Original Color

26.8819, 29.5426, 82.1274

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.2953, 22.0345, 38.3581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8819, 29.5426, 82.1274 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(21, 155, 234)` looks like.

```
.text, #text, p{  
    color:rgb(21, 155, 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(21, 155, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 155, 234) }
```

Border

The CSS property to change the border of an element to XYZ 26.8819, 29.5426, 82.1274 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(21, 155, 234) }
```

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

```
.border{ border-color:rgb(21, 155, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 155, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 155, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 155, 234);  
box-shadow:4px 4px 4px 4px rgb(21, 155,  
234) }
```


Background

The CSS property to change the background color of an element to XYZ 26.8819, 29.5426, 82.1274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 155, 234) }
```

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

```
.background{ background-color: rgb(21, 155,  
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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