

Converting Colors

XYZ(26.5212, 28.8708, 81.8285)

Have a look what the booklet for
XYZ(26.5212, 28.8708, 81.8285)
contains.

XYZ(26.5518, 28.8824, 82.0173)	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>	31

Color

**XYZ(26.5518, 28.8824,
82.0173)**

Conversions

Conversions Part 1

Format	Color
Hex	1599EA
RGB	21, 153, 234
RGB Percent	8%, 60%, 92%
CMY	0.9175, 0.4000, 0.0823
CMYK	0.91, 0.35, 0.00, 0.08
HSL	203°, 84%, 50%
HSV	203°, 91%, 92%
XYZ	26.5518, 28.8824, 82.0173
YIQ	122.7660, -104.6730, -2.7930

Conversions

Conversions Part 2

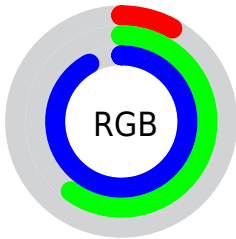
Format	Color
R _Y B	21, 102, 234
Decimal	1415658
CIE Lab	60.68, -3.65, -49.77
CIE LCh	61, 49.906, 265.803
Yxy	28.8824, 0.1932, 0.2101
Android (android.graphics.Color)	4279605738 (0xFF1599EA)
YUV	122.7660, 54.8384, -89.2488
Hunter-Lab	53.7423, -5.8599, -52.8640

Details

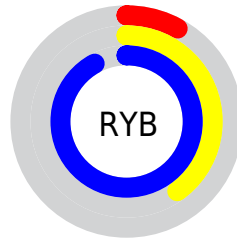
The XYZ color **26.5518, 28.8824, 82.0173** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **38.8228, 27.0572, 3.8877**, and the grayscale version is **18.6039, 19.5727, 21.3147**.

A 20% lighter version of the original color is **46.9184, 55.2252, 102.7944**, and **12.8861, 12.9148, 43.9331** is the 20% darker color. If you saturate the color by 10%, you get **24.9767, 26.1911, 81.5815**, and if you desaturate by 10%, it is **28.8121, 32.2918, 82.5569**.

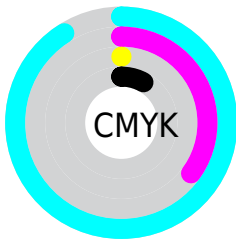
Distribution



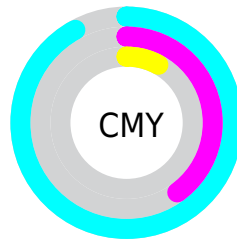
- Red (8%)
- Green (60%)
- Blue (92%)



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



- Cyan (91%)
- Magenta (35%)
- Yellow (0%)
- Black (8%)



- Cyan (92%)
- Magenta (40%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5518, 28.8824, 82.0173 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 26.5518, 28.8824, 82.0173 by changing the saturation by 10% instead.

■ 26.5518, 28.8824,
82.0173

■ 26.5518, 28.8824,
82.0173

277.6877,
296.6597, 521.5905

■ 17.3717, 18.9919,
60.8439

■ 53.5888, 57.8902,
138.0352

■ 10.5968, 11.6644,
43.6695

■ 72.1764, 77.7762,
173.7167

■ 5.8617, 6.5156,
30.0755

■ 94.6306, 101.7629,
215.0714

■ 2.8010, 3.1611,
19.6433

■ 121.3168,
130.2347, 262.5177

■ 1.0494, 1.2164,
11.9545

■ 152.6002,
163.5758, 316.4742

■ 0.0000, 0.0750,
6.5906

188.8463,

■ 0.0000, 0.0000,

202.1707, 377.3595

3.1329

230.4203,
246.4039, 445.5921

■ 0.0000, 0.0000,
1.1629

■ 0.0000, 0.0000,
0.0000

■ 26.5518, 28.8824,
82.0173

■ 26.5518, 28.8824,
82.0173

■ 24.9767, 26.1911,
81.5815

■ 28.8121, 32.2918,
82.5569

■ 31.7496, 36.2147,
83.1593

■ 35.4505, 40.6991,
83.8298

■ 39.9864, 45.7852,
84.5724

■ 45.4196, 51.5081,
85.3907

■ 51.8064, 57.8999,
86.2878

■ 59.1978, 64.9900,
87.2668

■ 67.6414, 72.8055,
88.3303

■ 77.1813, 81.3722,
89.4810

Harmonies

Analogous

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



21.0390, 28.8824, 71.0597



26.5518, 28.8824, 82.0173



33.2284, 28.8824, 75.6429

Triad

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



26.5518, 28.8824, 82.0173



40.2384, 28.8824, 18.3535



18.3974, 28.8824, 15.3779

Complementary

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



26.5518, 28.8824, 82.0173



38.8228, 27.0572, 3.8877

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.



22.3869, 28.8824, 9.0471



26.5518, 28.8824, 82.0173



35.0510, 28.8824, 10.2311

Square

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



26.5518, 28.8824, 82.0173



41.8155, 28.8824, 34.1271



28.3720, 28.8824, 7.6232



16.8236, 28.8824, 28.9130

Rectangle

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



26.5518, 28.8824, 82.0173



37.3675, 28.8824, 63.3826



28.3720, 28.8824, 7.6232



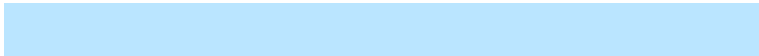
19.4666, 28.8824, 12.5809

Sweetspot

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



26.5529, 28.8833, 82.0181



66.3038, 73.6131, 105.3219



31.9912, 59.9092, 21.7133



13.5581, 15.1415, 22.4580



0.0000, 0.0000, 0.0000



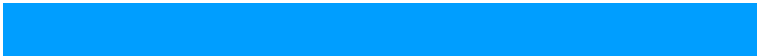
20.3446, 21.4041, 23.3091

Same Dimension

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



26.5529, 28.8833, 82.0181



30.2788, 31.6776, 99.1263



16.2780, 8.3335, 78.5931



15.0086, 16.1036, 19.2395



14.1606, 14.9681, 45.8858



1.2043, 1.3600, 3.6339

Inverse Universe

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



39.9507, 20.3303, 31.9561



47.4125, 23.7290, 34.4341



56.0442, 61.4999, 9.6282



15.4579, 15.2110, 17.6965



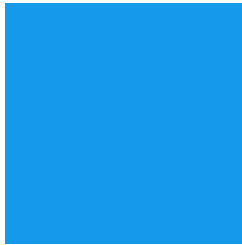
22.0029, 11.0038, 16.3485



1.7744, 0.8827, 1.5291

Previews

White Background



This preview shows how the XYZ color 26.5518, 28.8824, 82.0173 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 26.5518, 28.8824, 82.0173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

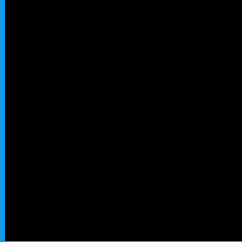
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

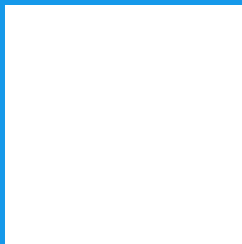
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5518, 28.8824, 82.0173

Background



This preview shows how black text looks on a background with the XYZ color 26.5518, 28.8824, 82.0173.



This preview shows how white text looks on a background with the XYZ color 26.5518, 28.8824,

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

26.5518, 28.8824, 82.0173

Protanopia

30.4833, 28.7260, 75.1722

Deuteranopia

29.7336, 28.8380, 83.3561



Tritanopia

20.4632, 28.8578, 44.0268

Trichromacy



Original Color

26.5518, 28.8824, 82.0173

Protanomaly

27.8306, 28.2182, 77.3786

Deuteranomaly

27.9896, 28.6513, 82.6523

Tritanomaly

22.3486, 28.7880, 56.0085

Monochromacy



Original Color

26.5518, 28.8824, 82.0173

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.9737, 21.6730, 37.8336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5518, 28.8824, 82.0173 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, 153, 234)` looks like.

```
.text, #text, p{  
    color:rgb(21, 153, 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, 153, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 153, 234) }
```

Border

The CSS property to change the border of an element to XYZ 26.5518, 28.8824, 82.0173 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, 153, 234) }
```


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

```
.border{ border-color:rgb(21, 153, 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, 153, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 153, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 153, 234);  
box-shadow:4px 4px 4px 4px rgb(21, 153,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5518, 28.8824, 82.0173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 153, 234) }
```

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

```
.background{ background-color: rgb(21, 153,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor