

Converting Colors

XYZ(27.8864, 26.3699, 98.2279)

Have a look what the booklet for
XYZ(27.8864, 26.3699, 98.2279)
contains.

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Color

**XYZ(27.9282, 26.4519,
98.2415)**

Conversions

Conversions Part 1

Format	Color
Hex	178DFF
RGB	23, 141, 255
RGB Percent	9%, 55%, 100%
CMY	0.9096, 0.4471, 0.0000
CMYK	0.91, 0.45, 0.00, 0.00
HSL	209°, 100%, 55%
HSV	209°, 91%, 100%
XYZ	27.9282, 26.4519, 98.2415
YIQ	118.7140, -106.9220, 10.4380

Conversions

Conversions Part 2

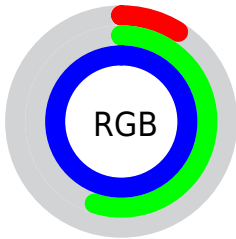
Format	Color
R _Y B	23, 101, 255
Decimal	1543679
CIE Lab	58.46, 11.44, -64.87
CIE LCh	58, 65.876, 280.005
Yxy	26.4519, 0.1830, 0.1733
Android (android.graphics.Color)	4279733759 (0xFF178DFF)
YUV	118.7140, 67.1890, -83.9412
Hunter-Lab	51.4314, 6.9238, -77.2506

Details

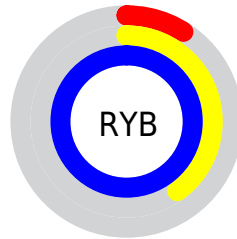
The XYZ color **27.9282, 26.4519, 98.2415** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **50.3463, 39.2246, 5.7303**, and the grayscale version is **17.2674, 18.1667, 19.7835**.

A 20% lighter version of the original color is **44.5442, 49.5166, 101.8177**, and **13.9052, 11.6855, 54.3460** is the 20% darker color. If you saturate the color by 10%, you get **25.9898, 23.0996, 97.6966**, and if you desaturate by 10%, it is **30.7732, 30.8189, 98.9345**.

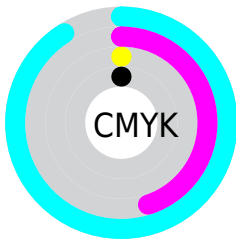
Distribution



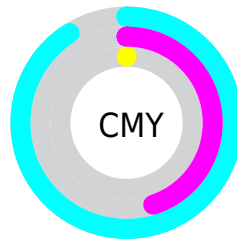
- Red (9%)
- Green (55%)
- Blue (100%)



- Red (9%)
- Yellow (40%)
- Blue (100%)



- Cyan (91%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9282, 26.4519, 98.2415 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 27.9282, 26.4519, 98.2415 by changing the saturation by 10% instead.

■ 27.9282, 26.4519,
98.2415

■ 27.9282, 26.4519,
98.2415

284.2100,
284.9934, 575.7384

■ 18.4117, 17.1620,
74.2241

■ 55.7792, 54.0031,
160.7692

■ 11.3475, 10.3501,
54.4796

■ 74.8445, 73.0332,
200.1166

■ 6.3701, 5.6317,
38.5894

■ 97.8234, 96.0788,
245.4111

■ 3.1142, 2.6224,
26.1351

■ 125.0813,
123.5243, 297.0712

■ 1.2144, 0.9380,
16.6981

■ 156.9836,
155.7541, 355.5154

■ 0.1177, 0.0000,
9.8598

193.8955,

■ 0.0000, 0.0000,

193.1527, 421.1623

5.2017

236.1825,
236.1043, 494.4304

■ 0.0000, 0.0000,
2.3053

■ 0.0000, 0.0000,
0.7342

■ 27.9282, 26.4519,
98.2415

■ 27.9282, 26.4519,
98.2415

■ 25.9898, 23.0996,
97.6966

■ 30.7732, 30.8189,
98.9345

■ 34.5252, 35.9736,
99.7317

■ 39.2944, 41.9823,
100.6401

■ 45.1725, 48.9013,
101.6658

■ 52.2400, 56.7807,
102.8142

■ 60.5693, 65.6662,
104.0902

■ 70.2266, 75.6000,
105.4987

■ 81.2733, 86.6214,
107.0438

■ 93.7664, 98.7676,
108.7298

Harmonies

Analogous

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



20.2110, 26.4519, 93.7826



27.9282, 26.4519, 98.2415



36.4643, 26.4519, 77.8589

Triad

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



27.9282, 26.4519, 98.2415



38.9618, 26.4519, 8.6681



13.2197, 26.4519, 16.1458

Complementary

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



27.9282, 26.4519, 98.2415



50.3463, 39.2246, 5.7303

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.



16.4453, 26.4519, 6.4402



27.9282, 26.4519, 98.2415



30.8155, 26.4519, 3.9990

Square

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



27.9282, 26.4519, 98.2415



43.6760, 26.4519, 21.7655



22.5471, 26.4519, 3.4867



12.7703, 26.4519, 37.2109

Rectangle

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



27.9282, 26.4519, 98.2415



41.0734, 26.4519, 57.1381



22.5471, 26.4519, 3.4867



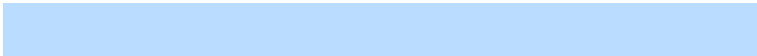
13.9765, 26.4519, 11.8365

Sweetspot

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



27.9293, 26.4526, 98.2416



64.2356, 69.4769, 104.6325



40.4983, 73.4563, 35.0226



13.0705, 14.1663, 22.2954



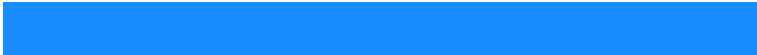
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.9293, 26.4526, 98.2416



25.9898, 23.0996, 97.6966



18.7941, 8.1822, 95.1965



17.7667, 18.9049, 22.9626



13.7301, 12.3698, 51.0985



1.4462, 1.4231, 5.0117

Inverse Universe

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



46.3550, 23.7975, 27.3498



45.2476, 22.8631, 23.0339



75.9341, 90.4001, 14.2595



18.3949, 18.1413, 20.6965



23.7185, 11.9767, 12.4341



2.3646, 1.1882, 1.5013

Previews

White Background



This preview shows how the XYZ color 27.9282, 26.4519, 98.2415 looks on a white background.

Color Contrast Check

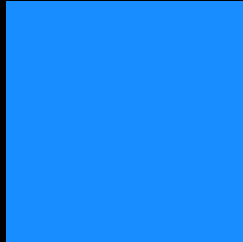
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9282, 26.4519, 98.2415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

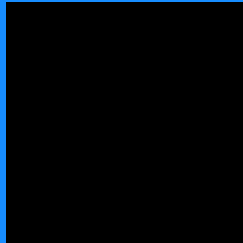
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

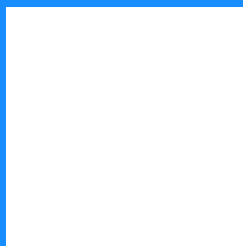
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9282, 26.4519, 98.2415

Background



This preview shows how black text looks on a background with the XYZ color 27.9282, 26.4519, 98.2415.



This preview shows how white text looks on a background with the XYZ color 27.9282, 26.4519,

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

27.9282, 26.4519, 98.2415

Protanopia

29.8058, 26.4417, 93.9753

Deuteranopia

27.0856, 26.3110, 94.9178



Tritanopia

18.6043, 26.1959, 40.1522

Trichromacy



Original Color

27.9282, 26.4519, 98.2415

Protanomaly

28.6458, 26.2294, 95.6484

Deuteranomaly

27.3438, 26.4259, 95.7550

Tritanomaly

21.1995, 25.9415, 57.3160

Monochromacy



Original Color

27.9282, 26.4519, 98.2415

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.3134, 19.8907, 39.9199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9282, 26.4519, 98.2415 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(23, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(23, 141, 255)  
}
```

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(23, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 141, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.9282, 26.4519, 98.2415 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(23, 141, 255) }
```


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

```
.border{ border-color:rgb(23, 141, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(23, 141,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9282, 26.4519, 98.2415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 141, 255) }
```

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

```
.background{ background-color: rgb(23, 141,  
255) }
```

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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