

Converting Colors

XYZ(27.9021, 26.6245, 98.2762)

Have a look what the booklet for
XYZ(27.9021, 26.6245, 98.2762)
contains.

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Color

**XYZ(27.9200, 26.6676,
98.2836)**

Conversions

Conversions Part 1

Format	Color
Hex	0F8EFF
RGB	15, 142, 255
RGB Percent	6%, 56%, 100%
CMY	0.9410, 0.4431, 0.0000
CMYK	0.94, 0.44, 0.00, 0.00
HSL	208°, 100%, 53%
HSV	208°, 94%, 100%
XYZ	27.9200, 26.6676, 98.2836
YIQ	116.9090, -111.9650, 8.2190

Conversions

Conversions Part 2

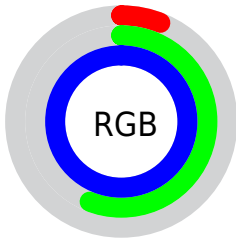
Format	Color
R _Y B	15, 98, 255
Decimal	1019647
CIE Lab	58.67, 10.54, -64.55
CIE LCh	59, 65.409, 279.275
Yxy	26.6676, 0.1826, 0.1744
Android (android.graphics.Color)	4279209727 (0xFF0F8EFF)
YUV	116.9090, 68.0789, -89.3742
Hunter-Lab	51.6407, 6.1364, -76.6935

Details

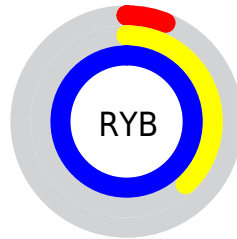
The XYZ color **27.9200, 26.6676, 98.2836** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **49.0530, 36.7474, 4.9616**, and the grayscale version is **16.7069, 17.5769, 19.1413**.

A 20% lighter version of the original color is **44.5045, 49.8276, 101.8798**, and **13.9924, 11.8599, 54.3750** is the 20% darker color. If you saturate the color by 10%, you get **26.7015, 24.5230, 97.9338**, and if you desaturate by 10%, it is **30.5041, 30.7968, 98.9444**.

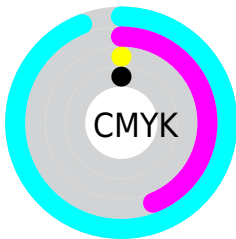
Distribution



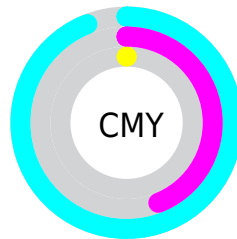
- Red (6%)
- Green (56%)
- Blue (100%)



- Red (6%)
- Yellow (38%)
- Blue (100%)



- Cyan (94%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9200, 26.6676, 98.2836 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 27.9200, 26.6676, 98.2836 by changing the saturation by 10% instead.

■ 27.9200, 26.6676,
98.2836

■ 27.9200, 26.6676,
98.2836

284.1715,
286.0441, 575.8752

■ 18.4055, 17.3237,
74.2590

■ 55.7662, 54.3500,
160.8277

■ 11.3430, 10.4656,
54.5080

■ 74.8287, 73.4573,
200.1843

■ 6.3670, 5.7087,
38.6120

■ 97.8045, 96.5880,
245.4886

■ 3.1123, 2.6688,
26.1525

■ 125.0590,
124.1263, 297.1592

■ 1.2134, 0.9614,
16.7110

■ 156.9576,
156.4566, 355.6146

■ 0.1169, 0.0000,
9.8689

193.8657,

■ 0.0000, 0.0000,

193.9634, 421.2734

5.2076

236.1485,
237.0311, 494.5541

■ 0.0000, 0.0000,
2.3087

■ 0.0000, 0.0000,
0.7361

■ 27.9200, 26.6676,
98.2836

■ 27.9200, 26.6676,
98.2836

■ 26.7015, 24.5230,
97.9338

■ 30.5041, 30.7968,
98.9444

■ 33.9402, 35.6595,
99.7019

■ 38.3453, 41.3244,
100.5631

■ 43.8151, 47.8486,
101.5342

■ 50.4322, 55.2826,
102.6203

■ 58.2708, 63.6718,
103.8264

■ 67.3980, 73.0580,
105.1571

■ 77.8760, 83.4801,
106.6165

■ 89.7625, 94.9746,
108.2087

Harmonies

Analogous

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



20.2616, 26.6676, 93.2207



27.9200, 26.6676, 98.2836



36.4427, 26.6676, 78.5424

Triad

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



27.9200, 26.6676, 98.2836



39.2912, 26.6676, 9.0639



13.4660, 26.6676, 16.0210

Complementary

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



27.9200, 26.6676, 98.2836



49.0530, 36.7474, 4.9616

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.



16.7682, 26.6676, 6.4834



27.9200, 26.6676, 98.2836



31.2186, 26.6676, 4.1964

Square

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



27.9200, 26.6676, 98.2836



43.8630, 26.6676, 22.4713



22.9367, 26.6676, 3.5980



12.9492, 26.6676, 36.7700

Rectangle

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



27.9200, 26.6676, 98.2836



41.0879, 26.6676, 58.0283



22.9367, 26.6676, 3.5980



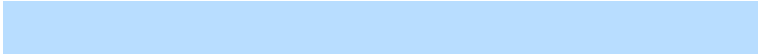
14.2476, 26.6676, 11.7855

Sweetspot

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



27.9211, 26.6683, 98.2836



63.6770, 69.2721, 104.6225



39.7906, 73.1551, 32.1121



12.7996, 13.9702, 22.2719



0.0000, 0.0000, 0.0000



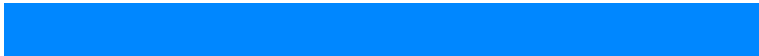
20.3446, 21.4041, 23.3091

Same Dimension

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



27.9211, 26.6683, 98.2836



26.7015, 24.5230, 97.9338



18.5554, 7.9370, 95.1618



17.7986, 18.9688, 22.9732



14.1030, 13.1155, 51.2228



1.4826, 1.4959, 5.0239

Inverse Universe

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



46.2942, 23.5563, 27.6984



45.6069, 23.0067, 24.9256



74.5880, 87.8173, 13.4733



18.4110, 18.1477, 20.7814



23.9067, 12.0520, 13.4252



2.3829, 1.1956, 1.5980

Previews

White Background



This preview shows how the XYZ color 27.9200, 26.6676, 98.2836 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 27.9200, 26.6676, 98.2836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

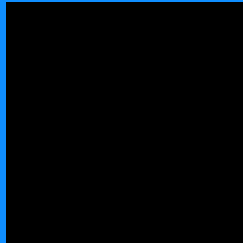
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

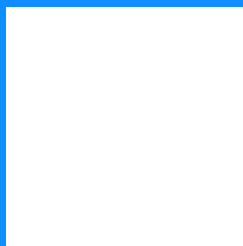
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9200, 26.6676, 98.2836

Background



This preview shows how black text looks on a background with the XYZ color 27.9200, 26.6676, 98.2836.



This preview shows how white text looks on a background with the XYZ color 27.9200, 26.6676,

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

27.9200, 26.6676, 98.2836

Protanopia

29.8335, 26.4741, 93.1601

Deuteranopia

27.5521, 26.7368, 96.6371



Tritanopia

18.7714, 26.5301, 40.2079

Trichromacy



Original Color

27.9200, 26.6676, 98.2836

Protanomaly

28.4255, 26.1341, 94.8130

Deuteranomaly

27.7744, 26.8329, 97.4813

Tritanomaly

21.3222, 26.2427, 57.3676

Monochromacy



Original Color

27.9200, 26.6676, 98.2836

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.7442, 19.4172, 39.3719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9200, 26.6676, 98.2836 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(15, 142, 255)` looks like.

```
.text, #text, p{  
    color:rgb(15, 142, 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(15, 142, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 142, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.9200, 26.6676, 98.2836 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(15, 142, 255) }
```


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

```
.border{ border-color:rgb(15, 142, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 142, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 142, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 142, 255);  
box-shadow:4px 4px 4px 4px rgb(15, 142,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9200, 26.6676, 98.2836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 142, 255) }
```

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

```
.background{ background-color: rgb(15, 142,  
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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