

Converting Colors

XYZ(28.9137, 26.9208, 98.2801)

Have a look what the booklet for
XYZ(28.9137, 26.9208, 98.2801)
contains.

XYZ(28.9401, 26.9736, 98.2889)	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(28.9401, 26.9736,
98.2889)**

Conversions

Conversions Part 1

Format	Color
Hex	338DFF
RGB	51, 141, 255
RGB Percent	20%, 55%, 100%
CMY	0.7999, 0.4471, 0.0000
CMYK	0.80, 0.45, 0.00, 0.00
HSL	214°, 100%, 60%
HSV	214°, 80%, 100%
XYZ	28.9401, 26.9736, 98.2889
YIQ	127.0860, -90.2340, 16.3740

Conversions

Conversions Part 2

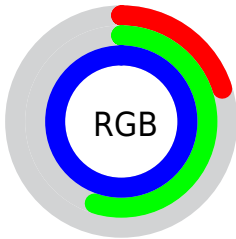
Format	Color
RYB	51, 113, 255
Decimal	3378687
CIELab	58.95, 13.32, -64.07
CIELCh	59, 65.436, 281.741
Yxy	26.9736, 0.1877, 0.1749
Android (android.graphics.Color)	4281568767 (0xFF338DFF)
YUV	127.0860, 63.0616, -66.7274
Hunter-Lab	51.9361, 8.5765, -75.8508

Details

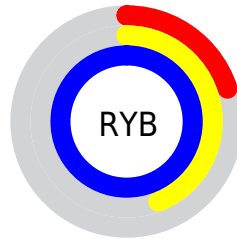
The XYZ color **28.9401, 26.9736, 98.2889** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **55.2960, 48.4154, 9.5647**, and the grayscale version is **20.0170, 21.0594, 22.9337**.

A 20% lighter version of the original color is **46.2439, 50.3928, 101.8972**, and **13.9052, 11.6855, 54.3460** is the 20% darker color. If you saturate the color by 10%, you get **26.0209, 22.5476, 97.5884**, and if you desaturate by 10%, it is **32.8351, 32.3045, 99.1125**.

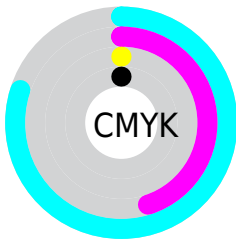
Distribution



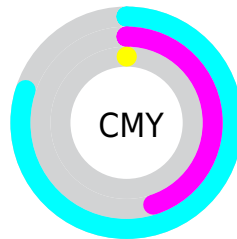
- Red (20%)
- Green (55%)
- Blue (100%)



- Red (20%)
- Yellow (44%)
- Blue (100%)



- Cyan (80%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9401, 26.9736, 98.2889 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 28.9401, 26.9736, 98.2889 by changing the saturation by 10% instead.

■ 28.9401, 26.9736,
98.2889

■ 28.9401, 26.9736,
98.2889

288.9315,
287.5293, 575.8924

■ 19.1796, 17.5534,
74.2634

■ 57.3801, 54.8415,
160.8351

■ 11.9049, 10.6298,
54.5116

■ 76.7903, 74.0580,
200.1928

■ 6.7507, 5.8185,
38.6148

■ 100.1478, 97.3087,
245.4984

■ 3.3516, 2.7350,
26.1547

■ 127.8179,
124.9780, 297.1703

■ 1.3423, 0.9950,
16.7126

160.1659,
157.4503, 355.6271

■ 0.2146, 0.0000,
9.8700

197.5573,

■ 0.0000, 0.0000,

195.1101, 421.2874

5.2084

240.3574,
238.3416, 494.5696

■ 0.0000, 0.0000,
2.3092

■ 0.0000, 0.0000,
0.7363

■ 28.9401, 26.9736,
98.2889

■ 28.9401, 26.9736,
98.2889

■ 26.0209, 22.5476,
97.5884

■ 32.8351, 32.3045,
99.1125

■ 23.8996, 18.9189,
96.9998

■ 37.8133, 38.6094,
100.0671

■ 23.8983, 18.9166,
96.9994

■ 43.9692, 45.9509,
101.1597

■ 51.3855, 54.3847,
102.3967

■ 60.1368, 63.9617,
103.7840

■ 70.2913, 74.7291,
105.3271

■ 81.9124, 86.7311,
107.0313

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



21.0597, 26.9736, 95.3804



28.9401, 26.9736, 98.2889



37.4709, 26.9736, 76.8238

Triad

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



28.9401, 26.9736, 98.2889



39.1073, 26.9736, 8.5544



13.5065, 26.9736, 17.4912

Complementary

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



28.9401, 26.9736, 98.2889



55.2960, 48.4154, 9.5647

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.



16.6016, 26.9736, 7.0730



28.9401, 26.9736, 98.2889



30.8350, 26.9736, 4.1087

Square

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



28.9401, 26.9736, 98.2889



44.1152, 26.9736, 21.1942



22.5964, 26.9736, 3.7649



13.2097, 26.9736, 39.4161

Rectangle

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



28.9401, 26.9736, 98.2889



41.9533, 26.9736, 55.9630



22.5964, 26.9736, 3.7649



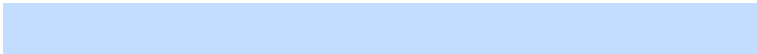
14.2181, 26.9736, 12.9053

Sweetspot

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



28.9412, 26.9743, 98.2889



66.0498, 70.2689, 104.6898



43.7556, 74.8761, 46.8944



13.3717, 14.2267, 22.2912



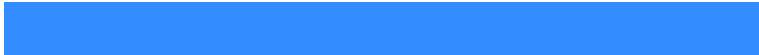
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



28.9412, 26.9743, 98.2889



24.6785, 20.2874, 97.2229



21.1724, 10.5882, 95.5356



17.6624, 18.6965, 22.9278



12.6304, 10.1703, 50.7320



1.3365, 1.2036, 4.9752

Inverse Universe

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



47.2324, 25.5523, 27.6424



44.6320, 22.7939, 19.2459



73.9447, 91.1359, 16.8277



18.3423, 18.1202, 20.4195



23.1634, 11.7547, 9.5111



2.3092, 1.1661, 1.2097

Previews

White Background



This preview shows how the XYZ color 28.9401, 26.9736, 98.2889 looks on a white background.

Color Contrast Check

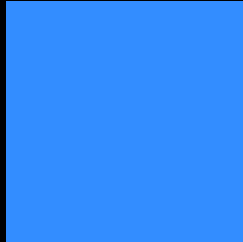
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9401, 26.9736, 98.2889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

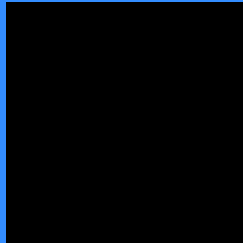
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

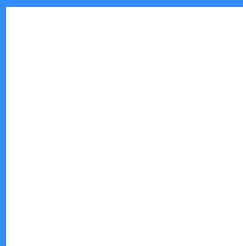
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9401, 26.9736, 98.2889

Background



This preview shows how black text looks on a background with the XYZ color 28.9401, 26.9736, 98.2889.



This preview shows how white text looks on a background with the XYZ color 28.9401, 26.9736,

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

28.9401, 26.9736, 98.2889

Protanopia

30.2887, 26.8826, 94.8593

Deuteranopia

27.7119, 26.8007, 97.4784



Tritanopia

18.9564, 26.6041, 41.1818

Trichromacy



Original Color

28.9401, 26.9736, 98.2889

Protanomaly

29.4832, 26.6611, 95.6876

Deuteranomaly

27.8310, 26.6402, 97.4412

Tritanomaly

21.7605, 26.4418, 58.6005

Monochromacy



Original Color

28.9401, 26.9736, 98.2889

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.0368, 22.2112, 43.2228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9401, 26.9736, 98.2889 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(51, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 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(51, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 141, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.9401, 26.9736, 98.2889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

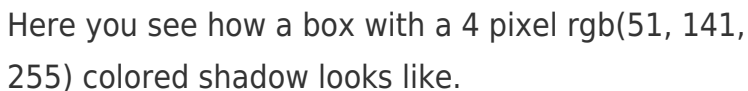
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(51, 141, 255) }
```


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

```
.border{ border-color:rgb(51, 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(51, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 141,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9401, 26.9736, 98.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 141, 255) }
```

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

```
.background{ background-color: rgb(51, 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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