

Converting Colors

XYZ(27.5307, 26.5947, 92.4892)

Have a look what the booklet for
XYZ(27.5307, 26.5947, 92.4892)
contains.

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Color

**XYZ(27.5307, 26.5947,
92.4892)**

Conversions

Conversions Part 1

Format	Color
Hex	298EF8
RGB	41, 142, 248
RGB Percent	16%, 56%, 97%
CMY	0.8391, 0.4431, 0.0274
CMYK	0.83, 0.43, 0.00, 0.03
HSL	211°, 94%, 57%
HSV	211°, 83%, 97%
XYZ	27.5307, 26.5947, 92.4892
YIQ	123.8850, -94.2220, 11.5540

Conversions

Conversions Part 2

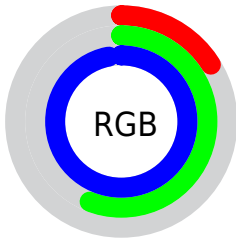
Format	Color
R _Y B	41, 109, 248
Decimal	2723576
CIE Lab	58.60, 9.28, -60.80
CIE LCh	59, 61.500, 278.682
Yxy	26.5947, 0.1878, 0.1814
Android (android.graphics.Color)	4280913656 (0xFF298EF8)
YUV	123.8850, 61.1887, -72.6901
Hunter-Lab	51.5700, 5.0447, -70.2356

Details

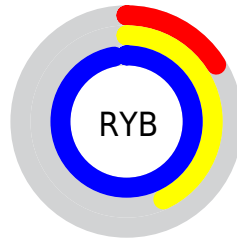
The XYZ color **27.5307, 26.5947, 92.4892** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **49.5494, 40.9910, 7.4003**, and the grayscale version is **18.9478, 19.9345, 21.7087**.

A 20% lighter version of the original color is **45.4503, 50.3152, 101.9241**, and **13.3183, 11.5903, 50.8254** is the 20% darker color. If you saturate the color by 10%, you get **25.0507, 22.6692, 91.8628**, and if you desaturate by 10%, it is **30.8499, 31.2730, 93.2179**.

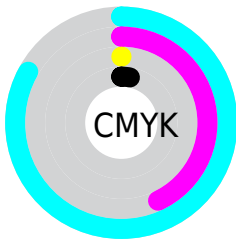
Distribution



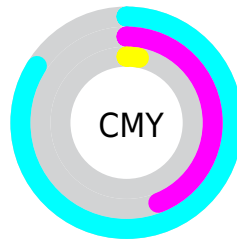
- Red (16%)
- Green (56%)
- Blue (97%)



- Red (16%)
- Yellow (43%)
- Blue (97%)



- Cyan (83%)
- Magenta (43%)
- Yellow (0%)
- Black (3%)



- Cyan (84%)
- Magenta (44%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5307, 26.5947, 92.4892 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 27.5307, 26.5947, 92.4892 by changing the saturation by 10% instead.

■ 27.5307, 26.5947,
92.4892

■ 27.5307, 26.5947,
92.4892

282.3385,
285.6893, 556.8730

■ 18.1108, 17.2691,
69.4617

■ 55.1482, 54.2328,
152.7568

■ 11.1298, 10.4265,
50.6137

■ 74.0766, 73.3141,
190.8340

■ 6.2221, 5.6827,
35.5267

■ 96.9051, 96.4160,
234.7649

■ 3.0225, 2.6531,
23.7821

■ 123.9992,
123.9230, 284.9679

■ 1.1657, 0.9534,
14.9614

■ 155.7243,
156.2194, 341.8617

■ 0.0790, 0.0000,
8.6459

192.4456,

■ 0.0000, 0.0000,

193.6897, 405.8648

4.4173

234.5286,
236.7182, 477.3957

■ 0.0000, 0.0000,
1.8570

■ 0.0000, 0.0000,
0.4651

■ 27.5307, 26.5947,
92.4892

■ 27.5307, 26.5947,
92.4892

■ 25.0507, 22.6692,
91.8628

■ 30.8499, 31.2730,
93.2179

■ 23.7798, 20.4503,
91.5015

■ 35.1132, 36.7675,
94.0537

■ 40.4114, 43.1351,
95.0036

■ 46.8228, 50.4255,
96.0728

■ 54.4174, 58.6837,
97.2665

■ 63.2591, 67.9513,
98.5894

■ 73.4068, 78.2669,
100.0456

■ 84.9155, 89.6671,
101.6395

■ 93.9434, 99.5574,
103.0727

Harmonies

Analogous

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



20.3626, 26.5947, 87.4515



27.5307, 26.5947, 92.4892



35.4695, 26.5947, 74.9940

Triad

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



27.5307, 26.5947, 92.4892



38.3747, 26.5947, 9.9811



14.0301, 26.5947, 16.3287

Complementary

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



27.5307, 26.5947, 92.4892



49.5494, 40.9910, 7.4003

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.



17.2528, 26.5947, 7.1284



27.5307, 26.5947, 92.4892



30.9256, 26.5947, 4.9382

Square

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



27.5307, 26.5947, 92.4892



42.4975, 26.5947, 23.1285



23.1507, 26.5947, 4.2457



13.4795, 26.5947, 35.6909

Rectangle

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



27.5307, 26.5947, 92.4892



39.8034, 26.5947, 56.3600



23.1507, 26.5947, 4.2457



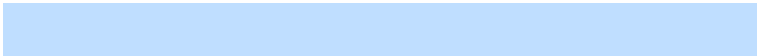
14.8009, 26.5947, 12.2874

Sweetspot

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



27.5318, 26.5955, 92.4899



65.8136, 70.7584, 104.7967



39.5562, 69.6364, 37.9473



13.3605, 14.3880, 22.3229



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.



27.5318, 26.5955, 92.4899



25.3088, 21.7376, 97.4696



18.6524, 8.8366, 89.5301



16.9821, 18.0411, 21.9725



12.9852, 11.3260, 49.4753



1.3084, 1.2604, 4.6175

Inverse Universe

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



44.3879, 23.4970, 27.7874



44.9039, 22.7256, 21.2238



72.6799, 87.2521, 15.1105



17.5975, 17.3664, 19.7363



22.8464, 11.5543, 11.1653



2.1693, 1.0915, 1.3151

Previews

White Background



This preview shows how the XYZ color 27.5307, 26.5947, 92.4892 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 27.5307, 26.5947, 92.4892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

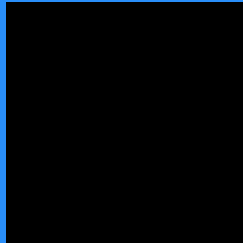
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

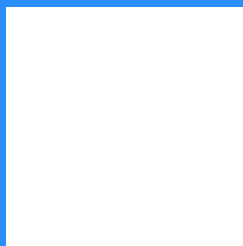
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5307, 26.5947, 92.4892

Background



This preview shows how black text looks on a background with the XYZ color 27.5307, 26.5947, 92.4892.



This preview shows how white text looks on a background with the XYZ color 27.5307, 26.5947,

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

27.5307, 26.5947, 92.4892

Protanopia

29.3454, 26.3463, 87.5431

Deuteranopia

27.5307, 26.5947, 92.4892

Trichromacy



Original Color

27.5307, 26.5947, 92.4892

Protanomaly

28.2417, 26.1645, 89.1497

Deuteranomaly

27.5307, 26.5947, 92.4892

Monochromacy



Original Color

27.5307, 26.5947, 92.4892

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.8938, 21.4769, 40.6330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5307, 26.5947, 92.4892 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(41, 142, 248)` looks like.

```
.text, #text, p{  
    color:rgb(41, 142, 248)  
}
```

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(41, 142, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 142, 248) }
```

Border

The CSS property to change the border of an element to XYZ 27.5307, 26.5947, 92.4892 is called "border". The border property can be set on classes, ids or directly on the HTML element.

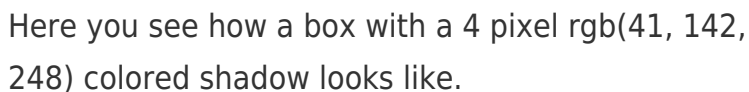
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(41, 142, 248) }
```

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

```
.border{ border-color:rgb(41, 142, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(41, 142, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 142, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 142, 248);  
box-shadow:4px 4px 4px 4px rgb(41, 142,  
248) }
```


Background

The CSS property to change the background color of an element to XYZ 27.5307, 26.5947, 92.4892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 142, 248) }
```

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

```
.background{ background-color: rgb(41, 142,  
248) }
```

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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