

Converting Colors

XYZ(26.0843, 27.2200, 81.7211)

Have a look what the booklet for
XYZ(26.0843, 27.2200, 81.7211)
contains.

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Color

**XYZ(26.0843, 27.2200,
81.7211)**

Conversions

Conversions Part 1

Format	Color
Hex	2693EA
RGB	38, 147, 234
RGB Percent	15%, 58%, 92%
CMY	0.8509, 0.4235, 0.0823
CMYK	0.84, 0.37, 0.00, 0.08
HSL	207°, 82%, 53%
HSV	207°, 84%, 92%
XYZ	26.0843, 27.2200, 81.7211
YIQ	124.3270, -92.8910, 3.9490

Conversions

Conversions Part 2

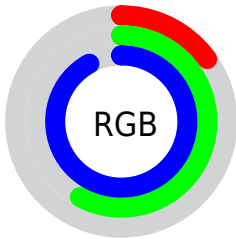
Format	Color
R _Y B	38, 108, 234
Decimal	2528234
CIE Lab	59.18, 0.88, -52.14
CIE LCh	59, 52.147, 270.972
Yxy	27.2200, 0.1932, 0.2016
Android (android.graphics.Color)	4280718314 (0xFF2693EA)
YUV	124.3270, 54.0688, -75.7088
Hunter-Lab	52.1728, -2.0595, -56.3482

Details

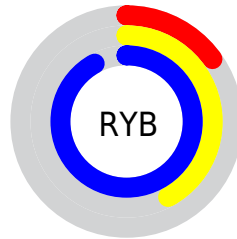
The XYZ color **26.0843, 27.2200, 81.7211** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **41.6183, 32.3049, 5.8774**, and the grayscale version is **19.1170, 20.1125, 21.9025**.

A 20% lighter version of the original color is **46.2728, 52.7752, 102.3555**, and **12.3106, 11.7637, 43.7413** is the 20% darker color. If you saturate the color by 10%, you get **23.9331, 23.8206, 81.1789**, and if you desaturate by 10%, it is **28.9248, 31.1919, 82.3386**.

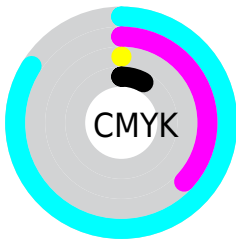
Distribution



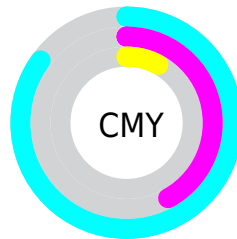
- Red (15%)
- Green (58%)
- Blue (92%)



- Red (15%)
- Yellow (42%)
- Blue (92%)



- Cyan (84%)
- Magenta (37%)
- Yellow (0%)
- Black (8%)



- Cyan (85%)
- Magenta (42%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0843, 27.2200, 81.7211 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 26.0843, 27.2200, 81.7211 by changing the saturation by 10% instead.

■ 26.0843, 27.2200,
81.7211

■ 26.0843, 27.2200,
81.7211

275.4448,
288.7207, 520.5732

■ 17.0197, 17.7385,
60.6012

■ 52.8412, 55.2367,
137.6160

■ 10.3439, 10.7624,
43.4749

■ 71.2643, 74.5407,
173.2281

■ 5.6916, 5.9073,
29.9238

■ 93.5376, 97.8877,
214.5079

■ 2.6973, 2.7888,
19.5292

■ 120.0265,
125.6620, 261.8741

■ 0.9958, 1.0225,
11.8726

■ 151.0963,
158.2481, 315.7452

■ 0.0000, 0.0000,
6.5355

187.1124,

■ 0.0000, 0.0000,

196.0303, 376.5398

3.0993

228.4401,
239.3930, 444.6762

■ 0.0000, 0.0000,
1.1456

■ 0.0000, 0.0000,
0.0000

■ 26.0843, 27.2200,
81.7211

■ 26.0843, 27.2200,
81.7211

■ 23.9331, 23.8206,
81.1789

■ 28.9248, 31.1919,
82.3386

■ 22.8504, 21.9386,
80.8727

■ 32.5429, 35.7864,
83.0348

■ 37.0158, 41.0489,
83.8148

■ 42.4093, 47.0184,
84.6828

■ 48.7826, 53.7304,
85.6424

■ 56.1892, 61.2173,
86.6972

■ 64.6787, 69.5094,
87.8502

■ 74.2973, 78.6348,
89.1047

■ 85.0882, 88.6204,
90.4633

Harmonies

Analogous

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



20.2720, 27.2200, 73.2094



26.0843, 27.2200, 81.7211



32.8467, 27.2200, 72.1059

Triad

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



26.0843, 27.2200, 81.7211



38.1270, 27.2200, 14.7774



16.4151, 27.2200, 15.4484

Complementary

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



26.0843, 27.2200, 81.7211



41.6183, 32.3049, 5.8774

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.



19.9616, 27.2200, 8.3303



26.0843, 27.2200, 81.7211



32.4182, 27.2200, 8.0726

Square

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



26.0843, 27.2200, 81.7211



40.4777, 27.2200, 29.0351



25.6604, 27.2200, 6.3297



15.2849, 27.2200, 30.2490

Rectangle

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



26.0843, 27.2200, 81.7211



36.8384, 27.2200, 58.3517



25.6604, 27.2200, 6.3297



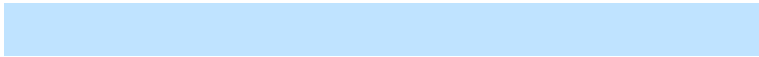
17.3312, 27.2200, 12.3373

Sweetspot

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



26.0854, 27.2209, 81.7218



66.9859, 73.1031, 105.1875



33.7949, 60.6872, 28.6536



13.6395, 14.9460, 22.4159



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.



26.0854, 27.2209, 81.7218



27.6934, 26.5067, 98.2645



16.8391, 8.7282, 78.6397



14.9259, 15.9382, 19.2119



12.9681, 12.5833, 45.4883



1.1140, 1.1795, 3.6038

Inverse Universe

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



39.8923, 20.9867, 29.5526



46.1075, 23.2070, 27.5620



60.1215, 69.3115, 12.0452



15.4161, 15.1943, 17.4766



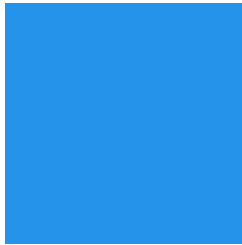
21.4010, 10.7631, 13.1790



1.7288, 0.8645, 1.2892

Previews

White Background



This preview shows how the XYZ color 26.0843, 27.2200, 81.7211 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 26.0843, 27.2200, 81.7211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

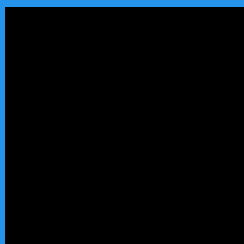
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

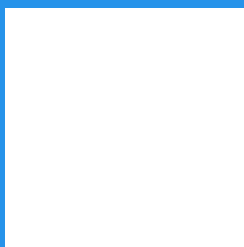
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0843, 27.2200, 81.7211

Background



This preview shows how black text looks on a background with the XYZ color 26.0843, 27.2200, 81.7211.



This preview shows how white text looks on a background with the XYZ color 26.0843, 27.2200,

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

26.0843, 27.2200, 81.7211

Protanopia

29.1444, 27.1444, 75.6548

Deuteranopia

27.8928, 27.0064, 82.3399



Tritanopia

19.2184, 26.9785, 41.7306

Trichromacy



Original Color

26.0843, 27.2200, 81.7211

Protanomaly

27.3831, 26.8421, 77.8665

Deuteranomaly

27.0830, 27.0347, 82.3880

Tritanomaly

21.1980, 26.7261, 54.4935

Monochromacy



Original Color

26.0843, 27.2200, 81.7211

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.4663, 21.5100, 38.2478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0843, 27.2200, 81.7211 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(38, 147, 234)` looks like.

```
.text, #text, p{  
    color:rgb(38, 147, 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(38, 147, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 147, 234) }
```

Border

The CSS property to change the border of an element to XYZ 26.0843, 27.2200, 81.7211 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(38, 147, 234) }
```


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

```
.border{ border-color:rgb(38, 147, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 147, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 147, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 147, 234);  
box-shadow:4px 4px 4px 4px rgb(38, 147,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0843, 27.2200, 81.7211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 147, 234) }
```

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

```
.background{ background-color: rgb(38, 147,  
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](#).

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