

Converting Colors

XYZ(26.1639, 27.0853, 75.8607)

Have a look what the booklet for
XYZ(26.1639, 27.0853, 75.8607)
contains.

XYZ(26.1863, 27.1726, 75.8162)	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(26.1863, 27.1726,
75.8162)**

Conversions

Conversions Part 1

Format	Color
Hex	4192E2
RGB	65, 146, 226
RGB Percent	25%, 57%, 89%
CMY	0.7451, 0.4274, 0.1137
CMYK	0.71, 0.35, 0.00, 0.11
HSL	210°, 74%, 57%
HSV	210°, 71%, 89%
XYZ	26.1863, 27.1726, 75.8162
YIQ	130.9010, -73.9560, 7.7080

Conversions

Conversions Part 2

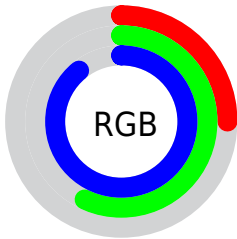
Format	Color
R _{YB}	65, 119, 226
Decimal	4297442
CIE _{Lab}	59.13, 1.50, -47.73
CIE _{LCh}	59, 47.751, 271.795
Y _{xy}	27.1726, 0.2027, 0.2104
Android (android.graphics.Color)	4282487522 (0xFF4192E2)
YUV	130.9010, 46.8838, -57.7952
Hunter-Lab	52.1273, -1.5529, -49.7447

Details

The XYZ color **26.1863, 27.1726, 75.8162** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **42.4455, 36.8042, 9.8693**, and the grayscale version is **21.3965, 22.5108, 24.5142**.

A 20% lighter version of the original color is **48.0643, 53.3538, 102.3728**, and **11.4386, 11.2680, 39.6023** is the 20% darker color. If you saturate the color by 10%, you get **23.3314, 23.2562, 75.2113**, and if you desaturate by 10%, it is **29.8115, 31.7393, 76.5072**.

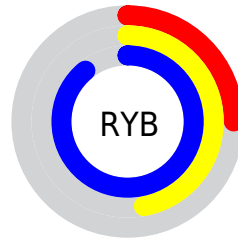
Distribution



Red (25%)

Green (57%)

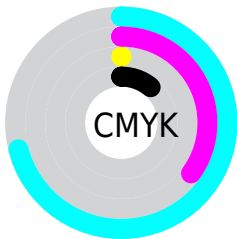
Blue (89%)



Red (25%)

Yellow (47%)

Blue (89%)

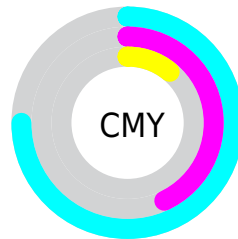


Cyan (71%)

Magenta (35%)

Yellow (0%)

Black (11%)



Cyan (75%)

Magenta (43%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1863, 27.1726, 75.8162 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 26.1863, 27.1726, 75.8162 by changing the saturation by 10% instead.

■ 26.1863, 27.1726,
75.8162

■ 26.1863, 27.1726,
75.8162

275.9354,
288.4918, 500.0484

■ 17.0965, 17.7029,
55.7761

■ 53.0045, 55.1607,
129.2248

■ 10.3990, 10.7369,
39.6206

■ 71.4636, 74.4479,
163.4303

■ 5.7286, 5.8902,
26.9313

■ 93.7765, 97.7764,
203.1946

■ 2.7199, 2.7784,
17.2897

■ 120.3085,
125.5305, 248.9364

■ 1.0074, 1.0172,
10.2771

■ 151.4251,
158.0948, 301.0741

■ 0.0000, 0.0000,
5.4751

187.4915,

■ 0.0000, 0.0000,

195.8535, 360.0263

2.4650

228.8732,
239.1910, 426.2116

■ 0.0000, 0.0000,
0.8215

■ 0.0000, 0.0000,
0.0000

■ 26.1863, 27.1726,
75.8162

■ 26.1863, 27.1726,
75.8162

■ 23.3314, 23.2562,
75.2113

■ 29.8115, 31.7393,
76.5072

■ 21.1625, 19.9383,
74.6852

■ 34.2723, 36.9958,
77.2867

■ 19.7108, 17.4575,
74.2829

■ 39.6298, 42.9808,
78.1595

■ 45.9381, 49.7283,
79.1294

■ 53.2466, 57.2704,
80.2000

■ 61.6013, 65.6365,
81.3745

■ 71.0449, 74.8545,
82.6560

■ 81.6179, 84.9511,
84.0476

■ 88.2513, 93.3184,
85.3130

Harmonies

Analogous

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



20.7950, 27.1726, 68.7999



26.1863, 27.1726, 75.8162



32.3257, 27.1726, 67.0165

Triad

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



26.1863, 27.1726, 75.8162



36.8042, 27.1726, 15.4791



17.0106, 27.1726, 16.6606

Complementary

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



26.1863, 27.1726, 75.8162



42.4455, 36.8042, 9.8693

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.



20.2630, 27.1726, 9.5807



26.1863, 27.1726, 75.8162



31.6110, 27.1726, 9.1054

Square

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



26.1863, 27.1726, 75.8162



39.0107, 27.1726, 28.5731



25.4705, 27.1726, 7.4533



16.0083, 27.1726, 30.6232

Rectangle

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



26.1863, 27.1726, 75.8162



35.8842, 27.1726, 54.7851



25.4705, 27.1726, 7.4533



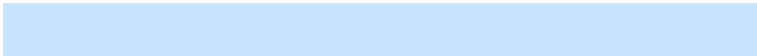
17.8496, 27.1726, 13.6138

Sweetspot

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



26.1874, 27.1735, 75.8169



70.1094, 75.4017, 105.4666



34.3217, 57.4951, 35.2047



14.4048, 15.5255, 22.4875



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.



26.1874, 27.1735, 75.8169



29.3380, 28.5956, 98.5810



17.9568, 10.7124, 73.0734



13.5190, 14.3771, 17.4502



11.3639, 10.1973, 42.4177



0.8772, 0.8859, 2.9700

Inverse Universe

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



38.4436, 22.0260, 29.4201



47.2306, 24.7781, 30.0179



58.7913, 69.4959, 15.3179



13.9934, 13.8150, 15.7356



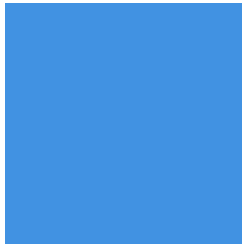
19.6762, 9.9375, 10.2264



1.4090, 0.7069, 0.9469

Previews

White Background



This preview shows how the XYZ color 26.1863, 27.1726, 75.8162 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 26.1863, 27.1726, 75.8162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

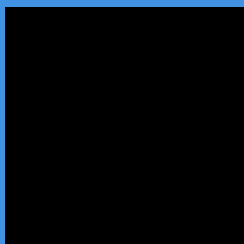
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

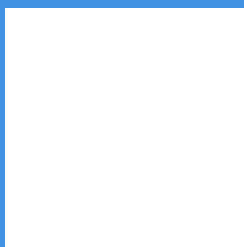
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1863, 27.1726, 75.8162

Background



This preview shows how black text looks on a background with the XYZ color 26.1863, 27.1726, 75.8162.



This preview shows how white text looks on a background with the XYZ color 26.1863, 27.1726,

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

26.1863, 27.1726, 75.8162

Protanopia

28.8330, 27.0773, 71.4169

Deuteranopia

27.9518, 27.1674, 76.4437



Tritanopia

19.3127, 27.0162, 42.2270

Trichromacy



Original Color

26.1863, 27.1726, 75.8162

Protanomaly

27.5771, 27.0528, 72.8755

Deuteranomaly

27.1673, 26.9848, 76.4498

Tritanomaly

21.0622, 26.6944, 52.7576

Monochromacy



Original Color

26.1863, 27.1726, 75.8162

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.7505, 23.4873, 39.4635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1863, 27.1726, 75.8162 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(65, 146, 226)` looks like.

```
.text, #text, p{  
    color:rgb(65, 146, 226)  
}
```

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(65, 146, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 146, 226) }
```

Border

The CSS property to change the border of an element to XYZ 26.1863, 27.1726, 75.8162 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(65, 146, 226) }
```


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

```
.border{ border-color:rgb(65, 146, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 146, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 146, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 146, 226);  
box-shadow:4px 4px 4px 4px rgb(65, 146,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1863, 27.1726, 75.8162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 146, 226) }
```

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

```
.background{ background-color: rgb(65, 146,  
226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor