

Converting Colors

XYZ(26.8519, 31.1224, 76.3945)

Have a look what the booklet for
XYZ(26.8519, 31.1224, 76.3945)
contains.

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Color

**XYZ(26.9243, 31.2137,
76.5573)**

Conversions

Conversions Part 1

Format	Color
Hex	1BA1E2
RGB	27, 161, 226
RGB Percent	11%, 63%, 89%
CMY	0.8940, 0.3686, 0.1137
CMYK	0.88, 0.29, 0.00, 0.11
HSL	200°, 79%, 50%
HSV	200°, 88%, 89%
XYZ	26.9243, 31.2137, 76.5573
YIQ	128.3440, -100.7290, -8.1930

Conversions

Conversions Part 2

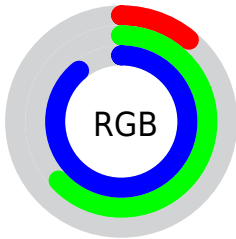
Format	Color
R _Y B	27, 107, 226
Decimal	1810914
CIE Lab	62.69, -10.79, -42.18
CIE LCh	63, 43.535, 255.644
Yxy	31.2137, 0.1999, 0.2317
Android (android.graphics.Color)	4280000994 (0xFF1BA1E2)
YUV	128.3440, 48.1444, -88.8787
Hunter-Lab	55.8692, -11.7490, -42.1363

Details

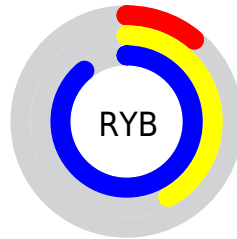
The XYZ color **26.9243, 31.2137, 76.5573** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **35.3918, 23.9069, 3.7877**, and the grayscale version is **20.5034, 21.5711, 23.4910**.

A 20% lighter version of the original color is **49.1614, 59.7112, 103.5421**, and **12.8316, 14.0541, 40.0666** is the 20% darker color. If you saturate the color by 10%, you get **25.2758, 28.5052, 76.1220**, and if you desaturate by 10%, it is **29.0984, 34.3071, 77.0405**.

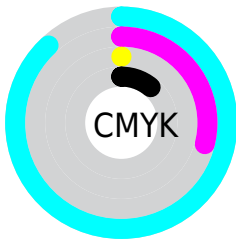
Distribution



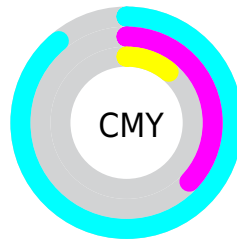
- Red (11%)
- Green (63%)
- Blue (89%)



- Red (11%)
- Yellow (42%)
- Blue (89%)



- Cyan (88%)
- Magenta (29%)
- Yellow (0%)
- Black (11%)



- Cyan (89%)
- Magenta (37%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9243, 31.2137, 76.5573 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 26.9243, 31.2137, 76.5573 by changing the saturation by 10% instead.

■ 26.9243, 31.2137,
76.5573

■ 26.9243, 31.2137,
76.5573

279.4646,
307.5216, 502.6508

■ 17.6527, 20.7616,
56.3802

■ 54.1831, 61.5764,
130.2817

■ 10.7991, 12.9499,
40.1018

■ 72.9010, 82.2557,
164.6660

■ 5.9982, 7.3940,
27.3035

■ 95.4984, 107.1130,
204.6233

■ 2.8846, 3.7097,
17.5669

■ 122.3406,
136.5326, 250.5718

■ 1.0930, 1.5125,
10.4733

■ 153.7929,
170.8988, 302.9304

■ 0.0193, 0.2975,
5.6042

190.2208,

■ 0.0000, 0.0000,

210.5962, 362.1173

2.5411

231.9896,
256.0090, 428.5513

■ 0.0000, 0.0000,
0.8618

■ 0.0000, 0.0000,
0.0000

■ 26.9243, 31.2137,
76.5573

■ 26.9243, 31.2137,
76.5573

■ 25.2758, 28.5052,
76.1220

■ 29.0984, 34.3071,
77.0405

■ 24.9839, 28.0037,
76.0406

■ 31.8968, 37.8370,
77.5743

■ 35.3934, 41.8436,
78.1634

■ 39.6503, 46.3608,
78.8109

■ 44.7222, 51.4185,
79.5198

■ 50.6584, 57.0439,
80.2928

■ 57.5042, 63.2620,
81.1322

■ 65.3015, 70.0960,
82.0403

■ 74.0896, 77.5678,
83.0193

Harmonies

Analogous

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



22.3762, 31.2137, 63.1581



26.9243, 31.2137, 76.5573



32.8562, 31.2137, 76.2307

Triad

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



26.9243, 31.2137, 76.5573



42.0844, 31.2137, 25.9051



22.2260, 31.2137, 15.8606

Complementary

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



26.9243, 31.2137, 76.5573



35.3918, 23.9069, 3.7877

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.



26.6924, 31.2137, 11.2132



26.9243, 31.2137, 76.5573



38.3926, 31.2137, 15.5497

Square

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



26.9243, 31.2137, 76.5573



42.1684, 31.2137, 42.7613



32.5914, 31.2137, 11.1225



19.9194, 31.2137, 26.5025

Rectangle

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



26.9243, 31.2137, 76.5573



36.8355, 31.2137, 68.1111



32.5914, 31.2137, 11.1225



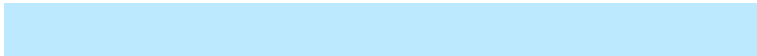
23.4958, 31.2137, 13.7289

Sweetspot

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



26.9255, 31.2147, 76.5581



68.1977, 76.4720, 105.7739



29.4963, 55.3654, 18.8127



13.9695, 15.7866, 22.5608



0.0000, 0.0000, 0.0000



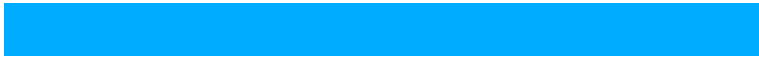
20.3446, 21.4041, 23.3091

Same Dimension

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



26.9255, 31.2147, 76.5581



32.7453, 36.6105, 99.9484



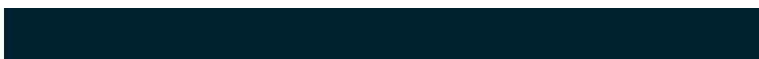
15.9859, 9.3356, 72.9116



13.7195, 14.7781, 17.5171



14.3657, 16.2010, 43.4183



1.0763, 1.2840, 3.0364

Inverse Universe

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



38.1900, 19.5273, 35.4753



48.6575, 24.2270, 40.9899



49.8726, 52.8685, 8.6146



14.0946, 13.8555, 16.2685



21.1913, 10.5435, 18.2052



1.5095, 0.7471, 1.4759

Previews

White Background



This preview shows how the XYZ color 26.9243, 31.2137, 76.5573 looks on a white background.

Color Contrast Check

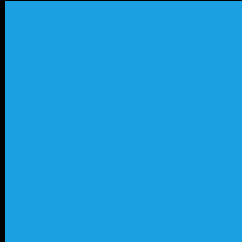
Large Text (above 18pt) WCAG AA × Fail

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 26.9243, 31.2137, 76.5573 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 ✓ Pass

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

XYZ 26.9243, 31.2137, 76.5573

Background



This preview shows how black text looks on a background with the XYZ color 26.9243, 31.2137, 76.5573.

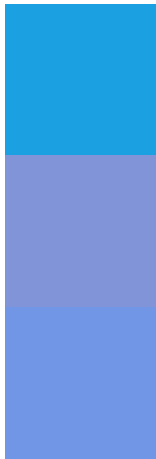


This preview shows how white text looks on a background with the XYZ color 26.9243, 31.2137,

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

26.9243, 31.2137, 76.5573

Protanopia

32.0378, 30.8048, 69.2231

Deuteranopia

31.8593, 30.9805, 78.4294



Tritanopia

22.0569, 30.9327, 47.9881

Trichromacy



Original Color

26.9243, 31.2137, 76.5573

Protanomaly

28.7231, 30.2251, 72.0303

Deuteranomaly

29.0389, 30.5065, 77.7566

Tritanomaly

23.6584, 31.0060, 57.5612

Monochromacy



Original Color

26.9243, 31.2137, 76.5573

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.3933, 23.6606, 38.6141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9243, 31.2137, 76.5573 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(27, 161, 226)` looks like.

```
.text, #text, p{  
    color:rgb(27, 161, 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(27, 161, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 161, 226) }
```

Border

The CSS property to change the border of an element to XYZ 26.9243, 31.2137, 76.5573 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(27, 161, 226) }
```


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

```
.border{ border-color:rgb(27, 161, 226) }
```

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

Here you see how a box with a 4 pixel rgb(27, 161, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 161, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 161, 226);  
box-shadow:4px 4px 4px 4px rgb(27, 161,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9243, 31.2137, 76.5573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 161, 226) }
```

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

```
.background{ background-color: rgb(27, 161,  
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](#).

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