

Converting Colors

XYZ(26.9280, 30.6398, 71.5140)

Have a look what the booklet for
XYZ(26.9280, 30.6398, 71.5140)
contains.

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Color

**XYZ(26.8765, 30.5289,
71.4939)**

Conversions

Conversions Part 1

Format	Color
Hex	3C9EDB
RGB	60, 158, 219
RGB Percent	24%, 62%, 86%
CMY	0.7647, 0.3804, 0.1412
CMYK	0.73, 0.28, 0.00, 0.14
HSL	203°, 69%, 55%
HSV	203°, 73%, 86%
XYZ	26.8765, 30.5289, 71.4939
YIQ	135.6520, -77.9890, -1.8050

Conversions

Conversions Part 2

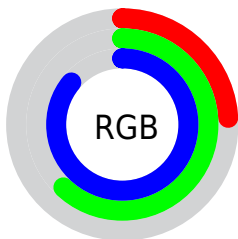
Format	Color
R _Y B	60, 121, 219
Decimal	3972827
CIE Lab	62.11, -8.49, -39.16
CIE LCh	62, 40.074, 257.769
Yxy	30.5289, 0.2085, 0.2368
Android (android.graphics.Color)	4282162907 (0xFF3C9EDB)
YUV	135.6520, 41.0906, -66.3468
Hunter-Lab	55.2530, -9.8656, -38.0405

Details

The XYZ color **26.8765, 30.5289, 71.4939** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **36.8680, 29.0634, 7.9430**, and the grayscale version is **23.1456, 24.3510, 26.5182**.

A 20% lighter version of the original color is **50.1977, 58.7426, 103.3005**, and **11.9585, 13.1957, 37.0387** is the 20% darker color. If you saturate the color by 10%, you get **24.4323, 27.2139, 70.9835**, and if you desaturate by 10%, it is **29.9680, 34.3240, 72.0641**.

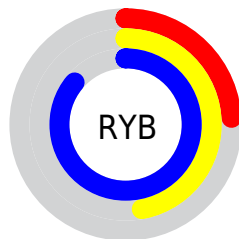
Distribution



Red (24%)

Green (62%)

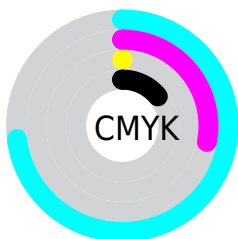
Blue (86%)



Red (24%)

Yellow (47%)

Blue (86%)

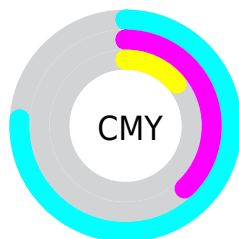


Cyan (73%)

Magenta (28%)

Yellow (0%)

Black (14%)



Cyan (76%)

Magenta (38%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8765, 30.5289, 71.4939 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 26.8765, 30.5289, 71.4939 by changing the saturation by 10% instead.

■ 26.8765, 30.5289,
71.4939

■ 26.8765, 30.5289,
71.4939

279.2371,
304.3621, 484.7082

■ 17.6166, 20.2404,
52.2610

■ 54.1069, 60.4976,
123.0377

■ 10.7731, 12.5699,
36.8295

■ 72.8081, 80.9466,
156.1858

■ 5.9806, 7.1331,
24.7808

■ 95.3872, 105.5512,
194.8093

■ 2.8739, 3.5455,
15.6963

■ 122.2094,
134.6958, 239.3269

■ 1.0874, 1.4227,
9.1575

■ 153.6401,
168.7647, 290.1570

■ 0.0145, 0.2334,
4.7458

190.0448,

■ 0.0000, 0.0000,

208.1425, 347.7183

2.0428

231.7887,
253.2135, 412.4292

■ 0.0000, 0.0000,
0.5814

■ 0.0000, 0.0000,
0.0000

■ 26.8765, 30.5289,
71.4939

■ 26.8765, 30.5289,
71.4939

■ 24.4323, 27.2139,
70.9835

■ 29.9680, 34.3240,
72.0641

■ 22.5576, 24.3346,
70.5265

■ 33.7656, 38.6309,
72.6953

■ 21.4473, 22.4365,
70.2187

■ 38.3244, 43.4813,
73.3912

■ 43.6930, 48.9028,
74.1547

■ 49.9156, 54.9208,
74.9883

■ 57.0329, 61.5588,
75.8945

■ 65.0830, 68.8390,
76.8754

■ 74.1016, 76.7820,
77.9332

■ 83.3417, 85.0053,
79.0335

Harmonies

Analogous

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



22.5948, 30.5289, 60.4101



26.8765, 30.5289, 71.4939



32.2952, 30.5289, 70.2647

Triad

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



26.8765, 30.5289, 71.4939



40.0449, 30.5289, 24.9822



22.0010, 30.5289, 17.0188

Complementary

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



26.8765, 30.5289, 71.4939



36.8680, 29.0634, 7.9430

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.



25.9682, 30.5289, 12.2331



26.8765, 30.5289, 71.4939



36.5531, 30.5289, 15.7541

Square

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



26.8765, 30.5289, 71.4939



40.3669, 30.5289, 39.9323



31.2678, 30.5289, 11.8560



20.0227, 30.5289, 27.3419

Rectangle

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



26.8765, 30.5289, 71.4939



35.8370, 30.5289, 62.6491



31.2678, 30.5289, 11.8560



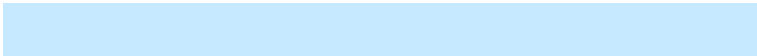
23.1220, 30.5289, 14.8684

Sweetspot

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



26.8776, 30.5299, 71.4947



70.8507, 77.8965, 105.9090



30.6443, 53.0038, 26.6908



14.6214, 16.1553, 22.5976



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.



26.8776, 30.5299, 71.4947



33.0351, 36.2520, 99.8639



17.4147, 11.6040, 68.3404



13.0035, 13.9468, 16.6588



12.8261, 13.5216, 41.6723



0.9133, 1.0408, 2.7272

Inverse Universe

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



37.0018, 20.7617, 34.4059



49.0328, 25.2540, 40.2632



50.7886, 56.9047, 12.5832



13.3916, 13.1858, 15.3236



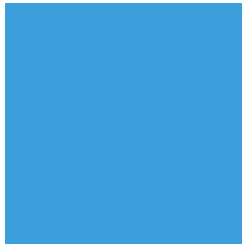
19.9693, 9.9888, 14.7504



1.3353, 0.6638, 1.1746

Previews

White Background



This preview shows how the XYZ color 26.8765, 30.5289, 71.4939 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 26.8765, 30.5289, 71.4939 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

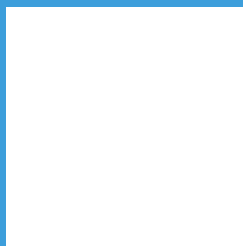
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8765, 30.5289, 71.4939

Background



This preview shows how black text looks on a background with the XYZ color 26.8765, 30.5289, 71.4939.

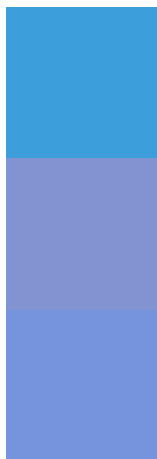


This preview shows how white text looks on a background with the XYZ color 26.8765, 30.5289,

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

26.8765, 30.5289, 71.4939

Protanopia

31.2725, 30.2664, 65.1665

Deuteranopia

30.9772, 30.1822, 72.5997



Tritanopia

22.0822, 30.6865, 47.4071

Trichromacy



Original Color

26.8765, 30.5289, 71.4939

Protanomaly

28.9025, 29.9406, 67.2066

Deuteranomaly

28.9704, 30.1106, 71.9952

Tritanomaly

23.5279, 30.4468, 55.6757

Monochromacy



Original Color

26.8765, 30.5289, 71.4939

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.0405, 25.8878, 39.8589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8765, 30.5289, 71.4939 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(60, 158, 219)` looks like.

```
.text, #text, p{  
    color:rgb(60, 158, 219)  
}
```

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(60, 158, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 158, 219) }
```

Border

The CSS property to change the border of an element to XYZ 26.8765, 30.5289, 71.4939 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(60, 158, 219) }
```


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

```
.border{ border-color:rgb(60, 158, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 158, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 158, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 158, 219);  
box-shadow:4px 4px 4px 4px rgb(60, 158,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8765, 30.5289, 71.4939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 158, 219) }
```

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

```
.background{ background-color: rgb(60, 158,  
219) }
```

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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