

Converting Colors

XYZ(26.8510, 29.2499, 76.2665)

Have a look what the booklet for
XYZ(26.8510, 29.2499, 76.2665)
contains.

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Color

**XYZ(26.8060, 29.1433,
76.1639)**

Conversions

Conversions Part 1

Format	Color
Hex	3999E2
RGB	57, 153, 226
RGB Percent	22%, 60%, 89%
CMY	0.7764, 0.4000, 0.1137
CMYK	0.75, 0.32, 0.00, 0.11
HSL	206°, 74%, 55%
HSV	206°, 75%, 89%
XYZ	26.8060, 29.1433, 76.1639
YIQ	132.6180, -80.6490, 2.3510

Conversions

Conversions Part 2

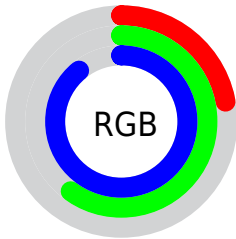
Format	Color
R_{YB}	57, 118, 226
Decimal	3774946
CIE _{Lab}	60.91, -3.60, -44.94
CIE _{LCh}	61, 45.083, 265.414
Yxy	29.1433, 0.2029, 0.2206
Android (android.graphics.Color)	4281965026 (0xFF3999E2)
YUV	132.6180, 46.0373, -66.3170
Hunter-Lab	53.9845, -5.8388, -45.8599

Details

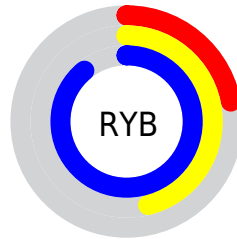
The XYZ color **26.8060, 29.1433, 76.1639** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **40.0872, 32.4325, 8.0197**, and the grayscale version is **22.0165, 23.1631, 25.2246**.

A 20% lighter version of the original color is **48.8203, 56.2056, 102.8834**, and **12.0071, 12.4050, 39.7918** is the 20% darker color. If you saturate the color by 10%, you get **24.2593, 25.5549, 75.6061**, and if you desaturate by 10%, it is **30.0586, 33.2904, 76.7936**.

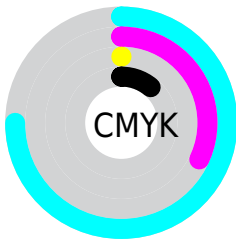
Distribution



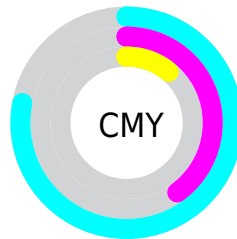
- Red (22%)
- Green (60%)
- Blue (89%)



- Red (22%)
- Yellow (46%)
- Blue (89%)



- Cyan (75%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (78%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8060, 29.1433, 76.1639 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 26.8060, 29.1433, 76.1639 by changing the saturation by 10% instead.

■ 26.8060, 29.1433,
76.1639

■ 26.8060, 29.1433,
76.1639

278.9013,
297.8905, 501.2703

■ 17.5634, 19.1893,
56.0595

■ 53.9945, 58.3047,
129.7208

■ 10.7348, 11.8071,
39.8463

■ 72.6711, 78.2808,
164.0103

■ 5.9548, 6.6125,
27.1058

■ 95.2231, 102.3664,
203.8652

■ 2.8580, 3.2209,
17.4196

■ 122.0158,
130.9459, 249.7041

■ 1.0791, 1.2481,
10.3690

■ 153.4147,
164.4037, 301.9456

■ 0.0075, 0.1005,
5.5355

189.7849,

■ 0.0000, 0.0000,

203.1241, 361.0080

2.5006

231.4920,
247.4916, 427.3101

■ 0.0000, 0.0000,
0.8405

■ 0.0000, 0.0000,
0.0000

■ 26.8060, 29.1433,
76.1639

■ 26.8060, 29.1433,
76.1639

■ 24.2593, 25.5549,
75.6061

■ 30.0586, 33.2904,
76.7936

■ 22.3295, 22.4736,
75.1131

■ 34.0841, 38.0343,
77.4970

■ 21.4957, 21.0272,
74.8778

■ 38.9449, 43.4116,
78.2788

■ 44.6954, 49.4545,
79.1421

■ 51.3849, 56.1928,
80.0901

■ 59.0592, 63.6537,
81.1258

■ 67.7607, 71.8631,
82.2517

■ 77.5293, 80.8453,
83.4706

■ 86.3832, 89.5822,
84.6903

Harmonies

Analogous

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



21.7672, 29.1433, 66.5328



26.8060, 29.1433, 76.1639



32.8384, 29.1433, 70.8629

Triad

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



26.8060, 29.1433, 76.1639



39.2128, 29.1433, 19.7701



19.3986, 29.1433, 16.6773

Complementary

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



26.8060, 29.1433, 76.1639



40.0872, 32.4325, 8.0197

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.



23.1274, 29.1433, 10.5566



26.8060, 29.1433, 76.1639



34.6230, 29.1433, 11.8484

Square

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



26.8060, 29.1433, 76.1639



40.5611, 29.1433, 34.3910



28.6133, 29.1433, 9.1683



17.8928, 29.1433, 29.2139

Rectangle

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



26.8060, 29.1433, 76.1639



36.5534, 29.1433, 60.3066



28.6133, 29.1433, 9.1683



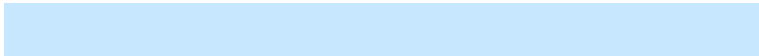
20.4055, 29.1433, 14.0029

Sweetspot

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



26.8071, 29.1443, 76.1646



70.0872, 76.3695, 105.6545



32.7430, 56.8068, 29.4629



14.4407, 15.7941, 22.5374



0.0000, 0.0000, 0.0000



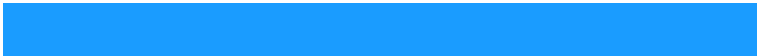
20.3446, 21.4041, 23.3091

Same Dimension

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



26.8071, 29.1443, 76.1646



30.3286, 31.1636, 99.0244



17.6748, 10.8797, 73.1205



13.5950, 14.5291, 17.4755



12.3833, 12.2362, 42.7575



0.9468, 1.0251, 2.9932

Inverse Universe

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



38.5779, 21.3963, 32.2343



47.5875, 24.3725, 33.5874



55.6262, 63.5106, 13.1994



14.0318, 13.8303, 15.9375



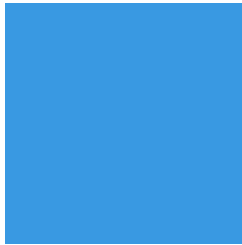
20.1907, 10.1433, 12.9361



1.4442, 0.7209, 1.1318

Previews

White Background



This preview shows how the XYZ color 26.8060, 29.1433, 76.1639 looks on a white background.

Color Contrast Check

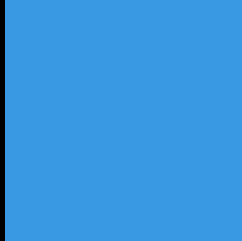
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8060, 29.1433, 76.1639 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

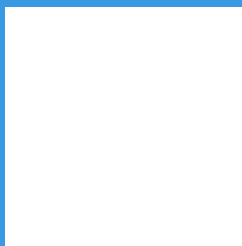
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8060, 29.1433, 76.1639

Background



This preview shows how black text looks on a background with the XYZ color 26.8060, 29.1433, 76.1639.



This preview shows how white text looks on a background with the XYZ color 26.8060, 29.1433,

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

26.8060, 29.1433, 76.1639

Protanopia

30.3625, 28.7718, 70.2829

Deuteranopia

29.8760, 29.0428, 77.4300



Tritanopia

20.6582, 28.9358, 45.0538

Trichromacy



Original Color

26.8060, 29.1433, 76.1639

Protanomaly

28.5219, 28.6846, 72.4400

Deuteranomaly

28.4503, 29.0194, 76.7749

Tritanomaly

22.4450, 28.8507, 55.4247

Monochromacy



Original Color

26.8060, 29.1433, 76.1639

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.1788, 24.5494, 40.1288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8060, 29.1433, 76.1639 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(57, 153, 226)` looks like.

```
.text, #text, p{  
    color:rgb(57, 153, 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(57, 153, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 153, 226) }
```

Border

The CSS property to change the border of an element to XYZ 26.8060, 29.1433, 76.1639 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(57, 153, 226) }
```


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

```
.border{ border-color:rgb(57, 153, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 153, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 153, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 153, 226);  
box-shadow:4px 4px 4px 4px rgb(57, 153,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8060, 29.1433, 76.1639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 153, 226) }
```

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

```
.background{ background-color: rgb(57, 153,  
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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