

Converting Colors

XYZ(26.3789, 29.4247, 76.3003)

Have a look what the booklet for
XYZ(26.3789, 29.4247, 76.3003)
contains.

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Color

**XYZ(26.3633, 29.4051,
76.2378)**

Conversions

Conversions Part 1

Format	Color
Hex	299BE2
RGB	41, 155, 226
RGB Percent	16%, 61%, 89%
CMY	0.8391, 0.3922, 0.1137
CMYK	0.82, 0.31, 0.00, 0.11
HSL	203°, 76%, 52%
HSV	203°, 82%, 89%
XYZ	26.3633, 29.4051, 76.2378
YIQ	129.0080, -90.7350, -2.0870

Conversions

Conversions Part 2

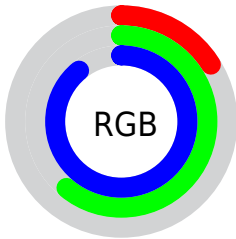
Format	Color
R _Y B	41, 112, 226
Decimal	2726882
CIE Lab	61.14, -6.41, -44.60
CIE LCh	61, 45.059, 261.822
Yxy	29.4051, 0.1997, 0.2228
Android (android.graphics.Color)	4280916962 (0xFF299BE2)
YUV	129.0080, 47.8171, -77.1830
Hunter-Lab	54.2265, -8.1149, -45.3982

Details

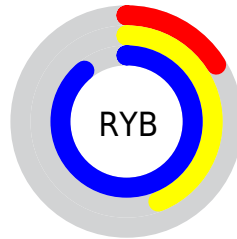
The XYZ color **26.3633, 29.4051, 76.2378** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **37.5611, 27.9215, 5.5093**, and the grayscale version is **20.7320, 21.8117, 23.7529**.

A 20% lighter version of the original color is **48.1866, 56.6028, 102.9935**, and **12.2060, 12.8029, 39.8581** is the 20% darker color. If you saturate the color by 10%, you get **24.3144, 26.2825, 75.7437**, and if you desaturate by 10%, it is **29.0348, 33.0034, 76.7922**.

Distribution



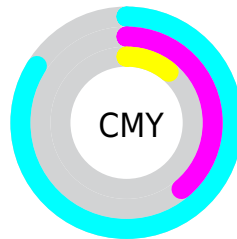
- Red (16%)
- Green (61%)
- Blue (89%)



- Red (16%)
- Yellow (44%)
- Blue (89%)



- Cyan (82%)
- Magenta (31%)
- Yellow (0%)
- Black (11%)



- Cyan (84%)
- Magenta (39%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3633, 29.4051, 76.2378 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 26.3633, 29.4051, 76.2378 by changing the saturation by 10% instead.

■ 26.3633, 29.4051,
76.2378

■ 26.3633, 29.4051,
76.2378

276.7851,
299.1216, 501.5298

■ 17.2297, 19.3875,
56.1197

■ 53.2876, 58.7201,
129.8262

■ 10.4947, 11.9506,
39.8943

■ 71.8090, 78.7863,
164.1335

■ 5.7930, 6.7100,
27.1430

■ 94.1905, 102.9707,
204.0077

■ 2.7591, 3.2814,
17.4472

■ 120.7973,
131.6579, 249.8672

■ 1.0277, 1.2804,
10.3885

■ 151.9948,
165.2322, 302.1306

■ 0.0000, 0.1259,
5.5484

188.1483,

■ 0.0000, 0.0000,

204.0780, 361.2165

2.5082

229.6233,
248.5796, 427.5434

■ 0.0000, 0.0000,
0.8445

■ 0.0000, 0.0000,
0.0000

■ 26.3633, 29.4051,
76.2378

■ 26.3633, 29.4051,
76.2378

■ 24.3144, 26.2825,
75.7437

■ 29.0348, 33.0034,
76.7922

■ 22.9976, 24.0310,
75.3785

■ 32.4048, 37.1184,
77.4088

■ 36.5409, 41.7885,
78.0922

■ 41.5010, 47.0465,
78.8457

■ 47.3372, 52.9219,
79.6722

■ 54.0968, 59.4422,
80.5744

■ 61.8237, 66.6325,
81.5551

■ 70.5588, 74.5166,
82.6165

■ 80.3405, 83.1170,
83.7610

Harmonies

Analogous

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



21.4972, 29.4051, 65.0160



26.3633, 29.4051, 76.2378



32.3888, 29.4051, 72.7251

Triad

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



26.3633, 29.4051, 76.2378



39.8799, 29.4051, 21.3800



19.9342, 29.4051, 15.8209

Complementary

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



26.3633, 29.4051, 76.2378



37.5611, 27.9215, 5.5093

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.



23.9341, 29.4051, 10.3126



26.3633, 29.4051, 76.2378



35.5768, 29.4051, 12.6442

Square

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



26.3633, 29.4051, 76.2378



40.7720, 29.4051, 36.8729



29.5963, 29.4051, 9.4006



18.1427, 29.4051, 27.6076

Rectangle

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



26.3633, 29.4051, 76.2378



36.2309, 29.4051, 62.9062



29.5963, 29.4051, 9.4006



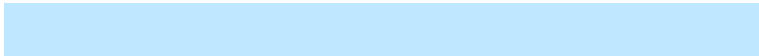
21.0359, 29.4051, 13.3738

Sweetspot

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



26.3644, 29.4061, 76.2386



68.0438, 75.2188, 105.5401



31.0325, 56.0333, 24.4884



13.8923, 15.4515, 22.5002



0.0000, 0.0000, 0.0000



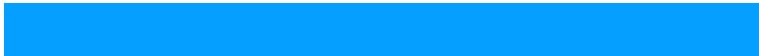
20.3446, 21.4041, 23.3091

Same Dimension

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



26.3644, 29.4061, 76.2386



30.5264, 32.0781, 99.1905



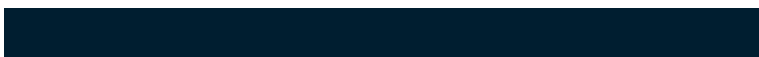
16.3982, 9.4737, 72.9165



13.6517, 14.6425, 17.4945



13.2382, 13.9460, 43.0425



1.0034, 1.1383, 3.0121

Inverse Universe

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



38.0744, 20.1227, 32.8884



47.5607, 23.8768, 34.9411



53.4576, 59.7146, 10.8081



14.0604, 13.8418, 16.0883



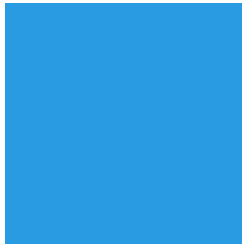
20.6222, 10.3159, 15.2083



1.4727, 0.7324, 1.2823

Previews

White Background



This preview shows how the XYZ color 26.3633, 29.4051, 76.2378 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 26.3633, 29.4051, 76.2378 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

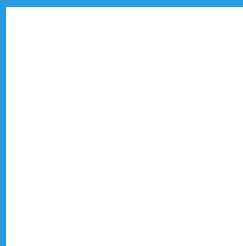
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3633, 29.4051, 76.2378

Background



This preview shows how black text looks on a background with the XYZ color 26.3633, 29.4051, 76.2378.

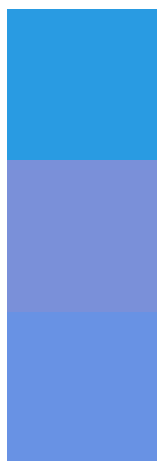


This preview shows how white text looks on a background with the XYZ color 26.3633, 29.4051,

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

26.3633, 29.4051, 76.2378

Protanopia

30.5237, 29.0938, 69.6525

Deuteranopia

29.9914, 29.1023, 77.4354



Tritanopia

20.8351, 29.2895, 45.1128

Trichromacy



Original Color

26.3633, 29.4051, 76.2378

Protanomaly

28.0224, 28.6743, 71.7679

Deuteranomaly

28.0059, 28.7903, 76.7541

Tritanomaly

22.5054, 29.1382, 55.4770

Monochromacy



Original Color

26.3633, 29.4051, 76.2378

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.7191, 23.3987, 38.5463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3633, 29.4051, 76.2378 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(41, 155, 226)` looks like.

```
.text, #text, p{  
    color:rgb(41, 155, 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(41, 155, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 155, 226) }
```

Border

The CSS property to change the border of an element to XYZ 26.3633, 29.4051, 76.2378 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(41, 155, 226) }
```


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

```
.border{ border-color:rgb(41, 155, 226) }
```

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

Here you see how a box with a 4 pixel rgb(41, 155, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 155, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 155, 226);  
box-shadow:4px 4px 4px 4px rgb(41, 155,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3633, 29.4051, 76.2378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 155, 226) }
```

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

```
.background{ background-color: rgb(41, 155,  
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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