

Converting Colors

XYZ(26.8635, 26.3448, 76.4508)

Have a look what the booklet for
XYZ(26.8635, 26.3448, 76.4508)
contains.

XYZ(26.8697, 26.3896, 76.3506)	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(26.8697, 26.3896,
76.3506)**

Conversions

Conversions Part 1

Format	Color
Hex	528DE3
RGB	82, 141, 227
RGB Percent	32%, 55%, 89%
CMY	0.6784, 0.4471, 0.1098
CMYK	0.64, 0.38, 0.00, 0.11
HSL	216°, 72%, 61%
HSV	216°, 64%, 89%
XYZ	26.8697, 26.3896, 76.3506
YIQ	133.1630, -62.7700, 14.2380

Conversions

Conversions Part 2

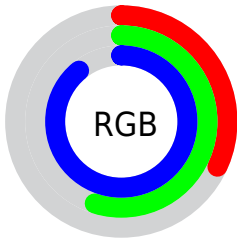
Format	Color
R _{YB}	82, 124, 227
Decimal	5410275
CIE Lab	58.41, 7.44, -49.40
CIE LCh	58, 49.957, 278.568
Yxy	26.3896, 0.2073, 0.2036
Android (android.graphics.Color)	4283600355 (0xFF528DE3)
YUV	133.1630, 46.2616, -44.8700
Hunter-Lab	51.3708, 3.4662, -52.1610

Details

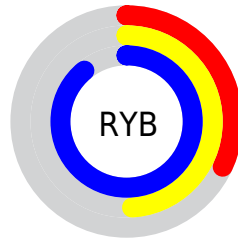
The XYZ color **26.8697, 26.3896, 76.3506** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **47.2063, 44.9486, 14.1723**, and the grayscale version is **22.2081, 23.3646, 25.4440**.

A 20% lighter version of the original color is **48.6695, 51.6432, 102.0107**, and **11.0918, 10.4224, 39.9552** is the 20% darker color. If you saturate the color by 10%, you get **23.3462, 21.8032, 75.6516**, and if you desaturate by 10%, it is **31.2894, 31.7969, 77.1619**.

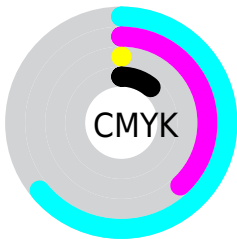
Distribution



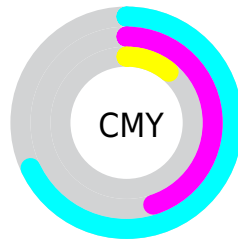
- Red (32%)
- Green (55%)
- Blue (89%)



- Red (32%)
- Yellow (49%)
- Blue (89%)



- Cyan (64%)
- Magenta (38%)
- Yellow (0%)
- Black (11%)



- Cyan (68%)
- Magenta (45%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8697, 26.3896, 76.3506 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 26.8697, 26.3896, 76.3506 by changing the saturation by 10% instead.

■ 26.8697, 26.3896,
76.3506

■ 26.8697, 26.3896,
76.3506

279.2047,
284.6894, 501.9258

■ 17.6115, 17.1153,
56.2117

■ 54.0961, 53.9028,
129.9870

■ 10.7694, 10.3168,
39.9675

■ 72.7949, 72.9105,
164.3216

■ 5.9781, 5.6095,
27.1996

■ 95.3714, 95.9315,
204.2251

■ 2.8723, 2.6091,
17.4894

■ 122.1907,
123.3502, 250.1161

■ 1.0866, 0.9312,
10.4184

153.6184,
155.5509, 302.4131

■ 0.0139, 0.0000,
5.5680

190.0197,

■ 0.0000, 0.0000,

192.9181, 361.5347

2.5197

231.7601,
235.8361, 427.8994

■ 0.0000, 0.0000,
0.8506

■ 0.0000, 0.0000,
0.0000

■ 26.8697, 26.3896,
76.3506

■ 26.8697, 26.3896,
76.3506

■ 23.3462, 21.8032,
75.6516

■ 31.2894, 31.7969,
77.1619

■ 20.6398, 17.9833,
75.0569

■ 36.6683, 38.0689,
78.0890

■ 18.6607, 14.8703,
74.5604

■ 43.0670, 45.2486,
79.1376

■ 17.7236, 13.2628,
74.2995

■ 50.5399, 53.3751,
80.3123

■ 59.1372, 62.4851,
81.6176

■ 68.9058, 72.6128,
83.0576

■ 79.8900, 83.7910,
84.6363

■ 88.8927, 94.3811,
86.2059

■ 90.8652, 98.3261,
86.8634

Harmonies

Analogous

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



21.0388, 26.3896, 72.6770



26.8697, 26.3896, 76.3506



33.1227, 26.3896, 63.7822

Triad

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



26.8697, 26.3896, 76.3506



35.4084, 26.3896, 12.4753



15.6774, 26.3896, 18.1306

Complementary

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



26.8697, 26.3896, 76.3506



47.2063, 44.9486, 14.1723

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.



18.4617, 26.3896, 9.6679



26.8697, 26.3896, 76.3506



29.6137, 26.3896, 7.4447

Square

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



26.8697, 26.3896, 76.3506



38.5498, 26.3896, 24.0170



23.3764, 26.3896, 6.6813



15.1858, 26.3896, 34.0309

Rectangle

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



26.8697, 26.3896, 76.3506



36.4720, 26.3896, 50.0347



23.3764, 26.3896, 6.6813



16.3516, 26.3896, 14.5427

Sweetspot

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



26.8707, 26.3905, 76.3513



70.9244, 74.9564, 105.3377



37.8867, 59.5076, 45.8488



14.5068, 15.3266, 22.4437



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.



26.8707, 26.3905, 76.3513



28.9989, 26.4710, 98.1888



21.5087, 13.9665, 74.2358



14.0619, 14.8452, 18.2686



10.4442, 7.9506, 43.3673



0.8611, 0.7662, 3.2345

Inverse Universe

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



39.5046, 24.2900, 27.8061



47.4126, 26.2027, 26.8084



56.9929, 69.9826, 18.4885



14.6188, 14.4647, 16.1932



19.6653, 10.0003, 7.1323



1.4983, 0.7570, 0.7645

Previews

White Background



This preview shows how the XYZ color 26.8697, 26.3896, 76.3506 looks on a white background.

Color Contrast Check

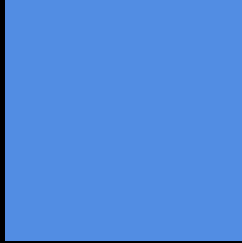
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8697, 26.3896, 76.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

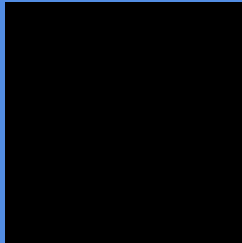
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

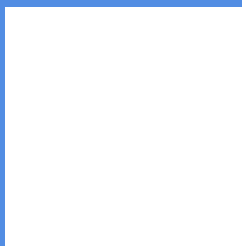
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8697, 26.3896, 76.3506

Background



This preview shows how black text looks on a background with the XYZ color 26.8697, 26.3896, 76.3506.



This preview shows how white text looks on a background with the XYZ color 26.8697, 26.3896,

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

26.8697, 26.3896, 76.3506

Protanopia

28.3283, 26.3448, 73.4040

Deuteranopia

27.0810, 26.2807, 76.3184



Tritanopia

19.7052, 26.5173, 40.1562

Trichromacy



Original Color

26.8697, 26.3896, 76.3506

Protanomaly

27.5800, 26.1554, 74.1159

Deuteranomaly

26.9895, 26.2335, 76.3141

Tritanomaly

21.7490, 26.1178, 51.4719

Monochromacy



Original Color

26.8697, 26.3896, 76.3506

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.7186, 23.9757, 39.9896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8697, 26.3896, 76.3506 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(82, 141, 227)` looks like.

```
.text, #text, p{  
    color:rgb(82, 141, 227)  
}
```

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(82, 141, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 141, 227) }
```

Border

The CSS property to change the border of an element to XYZ 26.8697, 26.3896, 76.3506 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(82, 141, 227) }
```


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

```
.border{ border-color:rgb(82, 141, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 141, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 141, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 141, 227);  
box-shadow:4px 4px 4px 4px rgb(82, 141,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8697, 26.3896, 76.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 141, 227) }
```

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

```
.background{ background-color: rgb(82, 141,  
227) }
```

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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