

Converting Colors

XYZ(26.0756, 29.5984, 61.4662)

Have a look what the booklet for
XYZ(26.0756, 29.5984, 61.4662)
contains.

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Color

**XYZ(26.1001, 29.5962,
61.4637)**

Conversions

Conversions Part 1

Format	Color
Hex	529BCC
RGB	82, 155, 204
RGB Percent	32%, 61%, 80%
CMY	0.6784, 0.3921, 0.2000
CMYK	0.60, 0.24, 0.00, 0.20
HSL	204°, 54%, 56%
HSV	204°, 60%, 80%
XYZ	26.1001, 29.5962, 61.4637
YIQ	138.7590, -59.2370, -0.2370

Conversions

Conversions Part 2

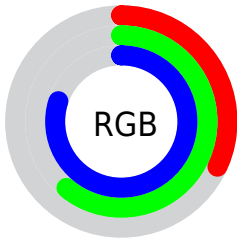
Format	Color
R_{YB}	82, 128, 204
Decimal	5413836
CIE _{Lab}	61.30, -8.22, -32.01
CIE _{LCh}	61, 33.046, 255.602
Yxy	29.5962, 0.2228, 0.2526
Android (android.graphics.Color)	4283603916 (0xFF529BCC)
YUV	138.7590, 32.1638, -49.7776
Hunter-Lab	54.4024, -9.5670, -28.9040

Details

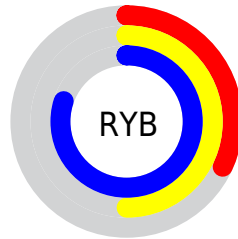
The XYZ color **26.1001, 29.5962, 61.4637** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **34.5422, 29.6806, 11.8922**, and the grayscale version is **24.3457, 25.6136, 27.8932**.

A 20% lighter version of the original color is **51.8350, 58.4836, 103.1642**, and **10.4553, 12.1026, 30.6391** is the 20% darker color. If you saturate the color by 10%, you get **23.2652, 26.1791, 60.9541**, and if you desaturate by 10%, it is **29.5568, 33.4723, 62.0302**.

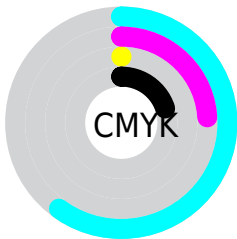
Distribution



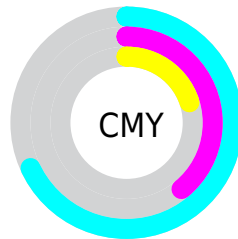
- Red (32%)
- Green (61%)
- Blue (80%)



- Red (32%)
- Yellow (50%)
- Blue (80%)



- Cyan (60%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (68%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1001, 29.5962, 61.4637 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 26.1001, 29.5962, 61.4637 by changing the saturation by 10% instead.

■ 26.1001, 29.5962,
61.4637

■ 26.1001, 29.5962,
61.4637

275.5208,
300.0177, 447.9257

■ 17.0316, 19.5323,
44.1665

■ 52.8665, 59.0230,
108.5141

■ 10.3525, 12.0555,
30.4633

■ 71.2952, 79.1547,
139.1044

■ 5.6973, 6.7815,
19.9355

■ 93.5746, 103.4111,
174.9628

■ 2.7008, 3.3258,
12.1645

■ 120.0702,
132.1766, 216.5079

■ 0.9976, 1.3041,
6.7319

151.1472,
165.8356, 264.1582

■ 0.0000, 0.1444,
3.2191

187.1711,

■ 0.0000, 0.0000,

204.7726, 318.3322

1.2076

228.5072,
249.3718, 379.4486

■ 0.0000, 0.0000,
0.0000

■ 26.1001, 29.5962,
61.4637

■ 26.1001, 29.5962,
61.4637

■ 23.2652, 26.1791,
60.9541

■ 29.5568, 33.4723,
62.0302

■ 20.9989, 23.1893,
60.4965

■ 33.6765, 37.8295,
62.6542

■ 19.2432, 20.5947,
60.0882

■ 38.4998, 42.6922,
63.3385

■ 17.8918, 18.3374,
59.7237

■ 44.0635, 48.0815,
64.0855

■ 17.8667, 18.2947,
59.7168

■ 50.4011, 54.0172,
64.8972

■ 57.5444, 60.5182,
65.7755

■ 65.5232, 67.6020,
66.7223

■ 74.3656, 75.2854,
67.7393

■ 80.0879, 81.5170,
68.6405

Harmonies

Analogous

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



22.6716, 29.5962, 52.5645



26.1001, 29.5962, 61.4637



30.4419, 29.5962, 61.2634

Triad

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



26.1001, 29.5962, 61.4637



36.9859, 29.5962, 26.1988



22.5641, 29.5962, 18.1961

Complementary

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



26.1001, 29.5962, 61.4637



34.5422, 29.6806, 11.8922

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.



25.9388, 29.5962, 14.2131



26.1001, 29.5962, 61.4637



34.4016, 29.5962, 17.9538

Square

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



26.1001, 29.5962, 61.4637



37.0405, 29.5962, 38.5603



30.2631, 29.5962, 14.1377



20.7775, 29.5962, 26.6250

Rectangle

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



26.1001, 29.5962, 61.4637



33.2893, 29.5962, 55.9072



30.2631, 29.5962, 14.1377



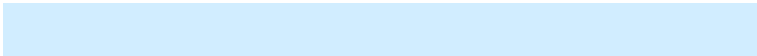
23.5339, 29.5962, 16.4010

Sweetspot

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



26.1011, 29.5973, 61.4644



74.5311, 81.1064, 106.3346



29.1567, 46.6136, 28.8637



15.3307, 16.7682, 22.6785



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.



26.1011, 29.5973, 61.4644



37.2544, 41.7276, 100.6985



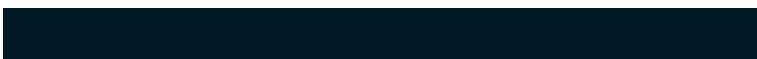
18.4004, 14.1958, 58.8975



11.1506, 11.9416, 14.2876



11.3387, 11.7014, 37.6172



0.6581, 0.7499, 1.9650

Inverse Universe

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



33.8364, 21.2396, 33.3277



51.8858, 29.1643, 46.7497



45.2313, 51.0589, 15.4553



11.4894, 11.3245, 13.1116



17.9342, 8.9842, 12.6378



0.9621, 0.4782, 0.8463

Previews

White Background



This preview shows how the XYZ color 26.1001, 29.5962, 61.4637 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 26.1001, 29.5962, 61.4637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

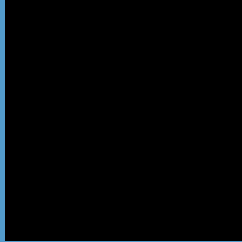
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1001, 29.5962, 61.4637

Background



This preview shows how black text looks on a background with the XYZ color 26.1001, 29.5962, 61.4637.

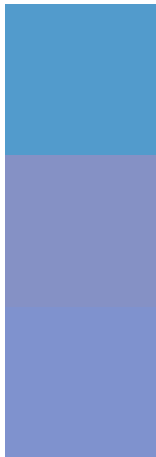


This preview shows how white text looks on a background with the XYZ color 26.1001, 29.5962,

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

26.1001, 29.5962, 61.4637

Protanopia

29.8763, 29.2686, 56.8981

Deuteranopia

30.1719, 29.5260, 62.5014



Tritanopia

22.8391, 29.8109, 44.5947

Trichromacy



Original Color

26.1001, 29.5962, 61.4637

Protanomaly

28.1122, 29.2424, 58.8063

Deuteranomaly

28.3224, 29.2822, 61.9169

Tritanomaly

23.9791, 29.7549, 50.3784

Monochromacy



Original Color

26.1001, 29.5962, 61.4637

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2075, 26.7467, 38.5371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1001, 29.5962, 61.4637 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, 155, 204)` looks like.

```
.text, #text, p{  
    color:rgb(82, 155, 204)  
}
```

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, 155, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 155, 204) }
```

Border

The CSS property to change the border of an element to XYZ 26.1001, 29.5962, 61.4637 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, 155, 204) }
```


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

```
.border{ border-color:rgb(82, 155, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 155, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 155, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 155, 204);  
box-shadow:4px 4px 4px 4px rgb(82, 155,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1001, 29.5962, 61.4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 155, 204) }
```

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

```
.background{ background-color: rgb(82, 155,  
204) }
```

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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