

Converting Colors

XYZ(26.1952, 27.8248, 52.0726)

Have a look what the booklet for
XYZ(26.1952, 27.8248, 52.0726)
contains.

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Color

**XYZ(26.3011, 27.9863,
52.1598)**

Conversions

Conversions Part 1

Format	Color
Hex	7093BD
RGB	112, 147, 189
RGB Percent	44%, 58%, 74%
CMY	0.5608, 0.4235, 0.2588
CMYK	0.41, 0.22, 0.00, 0.26
HSL	213°, 37%, 59%
HSV	213°, 41%, 74%
XYZ	26.3011, 27.9863, 52.1598
YIQ	141.3230, -34.3420, 5.6420

Conversions

Conversions Part 2

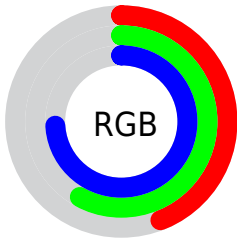
Format	Color
R_{YB}	112, 136, 189
Decimal	7377853
CIE _{Lab}	59.88, -1.23, -25.67
CIE _{LCh}	60, 25.699, 267.256
Yxy	27.9863, 0.2471, 0.2629
Android (android.graphics.Color)	4285567933 (0xFF7093BD)
YUV	141.3230, 23.5048, -25.7163
Hunter-Lab	52.9021, -3.8346, -21.4266

Details

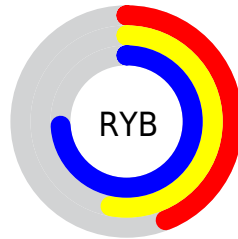
The XYZ color **26.3011, 27.9863, 52.1598** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.4671, 35.1006, 20.2359**, and the grayscale version is **25.3652, 26.6861, 29.0612**.

A 20% lighter version of the original color is **53.0940, 56.4729, 94.4882**, and **10.5223, 11.2568, 24.9107** is the 20% darker color. If you saturate the color by 10%, you get **22.6122, 23.8110, 51.5488**, and if you desaturate by 10%, it is **30.6403, 32.7113, 52.8436**.

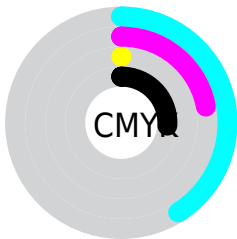
Distribution



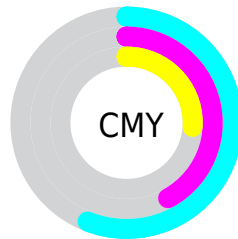
- Red (44%)
- Green (58%)
- Blue (74%)



- Red (44%)
- Yellow (53%)
- Blue (74%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (26%)



- Cyan (56%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3011, 27.9863, 52.1598 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 26.3011, 27.9863, 52.1598 by changing the saturation by 10% instead.

■ 26.3011, 27.9863,
52.1598

■ 26.3011, 27.9863,
52.1598

276.4867,
292.4014, 412.0277

■ 17.1829, 18.3153,
36.7493

■ 53.1881, 56.4626,
94.7958

■ 10.4611, 11.1766,
24.7192

■ 71.6877, 76.0367,
122.8585

■ 5.7703, 6.1858,
15.6509

■ 94.0451, 99.6806,
155.9757

■ 2.7453, 2.9584,
9.1258

120.6256,
127.7787, 194.5659

■ 1.0205, 1.1100,
4.7254

151.7947,
160.7155, 239.0476

■ 0.0000, 0.0000,
2.0311

187.9177,

■ 0.0000, 0.0000,

198.8753, 289.8395

0.5743

229.3599,
242.6425, 347.3600

■ 0.0000, 0.0000,
0.0000

■ 26.3011, 27.9863,
52.1598

■ 26.3011, 27.9863,
52.1598

■ 22.6122, 23.8110,
51.5488

■ 30.6403, 32.7113,
52.8436

■ 19.5352, 20.1583,
51.0060

■ 35.6596, 38.0050,
53.6009

■ 17.0317, 17.0032,
50.5289

■ 41.3905, 43.8892,
54.4346

■ 15.0571, 14.3165,
50.1144

■ 47.8612, 50.3838,
55.3471

■ 13.5592, 12.0651,
49.7588

■ 55.0986, 57.5072,
56.3406

■ 12.5061, 10.3155,
49.4766

■ 63.1281, 65.2774,
57.4172

■ 71.9740, 73.7113,
58.5789

■ 78.5763, 81.2359,
59.6833

■ 81.5219, 87.1272,
60.6652

Harmonies

Analogous

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



23.3506, 27.9863, 48.2101



26.3011, 27.9863, 52.1598



29.5764, 27.9863, 49.3867

Triad

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



26.3011, 27.9863, 52.1598



32.5728, 27.9863, 22.9657



21.6669, 27.9863, 21.7545

Complementary

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



26.3011, 27.9863, 52.1598



35.4671, 35.1006, 20.2359

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.



23.8305, 27.9863, 17.1336



26.3011, 27.9863, 52.1598



30.1379, 27.9863, 17.7260

Square

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



26.3011, 27.9863, 52.1598



33.3679, 27.9863, 31.3401



26.9014, 27.9863, 15.8242



20.8156, 27.9863, 29.6207

Rectangle

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



26.3011, 27.9863, 52.1598



31.4760, 27.9863, 44.3583



26.9014, 27.9863, 15.8242



22.2558, 27.9863, 19.8366

Sweetspot

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



26.3020, 27.9874, 52.1605



72.5575, 77.0069, 97.2658



30.6357, 42.1427, 36.6864



15.3055, 16.2565, 20.8737



90.7827, 95.5105, 104.0109



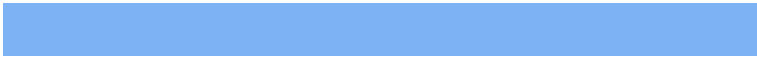
18.6292, 19.5994, 21.3438

Same Dimension

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



26.3020, 27.9874, 52.1605



41.0810, 43.3186, 92.4223



21.9937, 18.8790, 50.6294



9.3641, 9.9205, 12.0935



8.4888, 7.0893, 33.3139



0.3979, 0.4085, 1.3267

Inverse Universe

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



32.0477, 24.5146, 30.6475



53.0752, 37.2751, 47.2430



41.4780, 48.0591, 22.4204



9.7056, 9.6065, 10.8388



15.2855, 7.7454, 6.7971



0.6318, 0.3166, 0.4401

Previews

White Background



This preview shows how the XYZ color 26.3011, 27.9863, 52.1598 looks on a white background.

Color Contrast Check

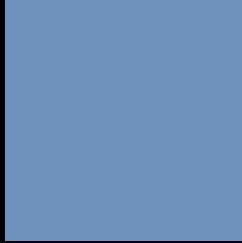
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3011, 27.9863, 52.1598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

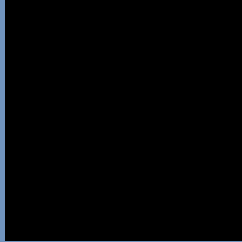
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

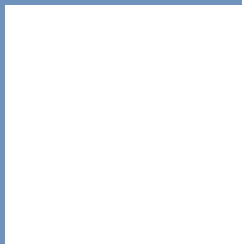
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3011, 27.9863, 52.1598

Background



This preview shows how black text looks on a background with the XYZ color 26.3011, 27.9863, 52.1598.

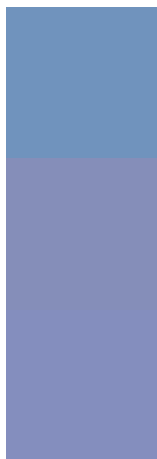


This preview shows how white text looks on a background with the XYZ color 26.3011, 27.9863,

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

26.3011, 27.9863, 52.1598

Protanopia

28.1028, 27.8353, 49.7905

Deuteranopia

28.4830, 27.9692, 52.6126



Tritanopia

23.7548, 28.1401, 39.3015

Trichromacy



Original Color

26.3011, 27.9863, 52.1598

Protanomaly

27.2936, 27.8517, 50.3918

Deuteranomaly

27.7250, 28.0242, 52.6631

Tritanomaly

24.6335, 28.0180, 43.6448

Monochromacy



Original Color

26.3011, 27.9863, 52.1598

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.1999, 26.8594, 36.2039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3011, 27.9863, 52.1598 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(112, 147, 189)` looks like.

```
.text, #text, p{  
    color:rgb(112, 147, 189)  
}
```

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(112, 147, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 147, 189) }
```

Border

The CSS property to change the border of an element to XYZ 26.3011, 27.9863, 52.1598 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(112, 147, 189) }
```


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

```
.border{ border-color:rgb(112, 147, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 147, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 147, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 147, 189);  
box-shadow:4px 4px 4px 4px rgb(112, 147,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3011, 27.9863, 52.1598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 147, 189) }
```

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

```
.background{ background-color: rgb(112,  
147, 189) }
```

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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