

Converting Colors

XYZ(26.9053, 27.1785, 61.5855)

Have a look what the booklet for
XYZ(26.9053, 27.1785, 61.5855)
contains.

XYZ(26.9053, 27.1785, 61.5855)	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(26.9053, 27.1785,
61.5855)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8FCD
RGB	107, 143, 205
RGB Percent	42%, 56%, 80%
CMY	0.5804, 0.4392, 0.1961
CMYK	0.48, 0.30, 0.00, 0.20
HSL	218°, 49%, 61%
HSV	218°, 48%, 80%
XYZ	26.9053, 27.1785, 61.5855
YIQ	139.3040, -41.3580, 11.6500

Conversions

Conversions Part 2

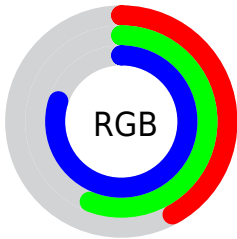
Format	Color
R_{YB}	107, 133, 205
Decimal	7049165
CIE _{Lab}	59.14, 4.42, -35.85
CIE _{LCh}	59, 36.122, 277.034
Yxy	27.1785, 0.2326, 0.2350
Android (android.graphics.Color)	4285239245 (0xFF6B8FCD)
YUV	139.3040, 32.3881, -28.3306
Hunter-Lab	52.1330, 0.8892, -33.5471

Details

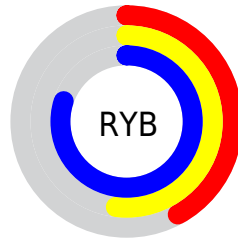
The XYZ color **26.9053, 27.1785, 61.5855** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **42.0196, 42.4179, 19.8839**, and the grayscale version is **24.5490, 25.8275, 28.1261**.

A 20% lighter version of the original color is **53.1205, 54.9390, 102.4123**, and **10.7348, 10.7088, 30.3554** is the 20% darker color. If you saturate the color by 10%, you get **22.8909, 22.3842, 60.8722**, and if you desaturate by 10%, it is **31.7310, 32.7262, 62.4025**.

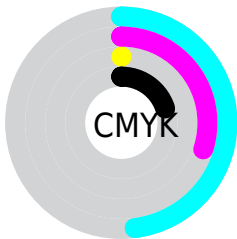
Distribution



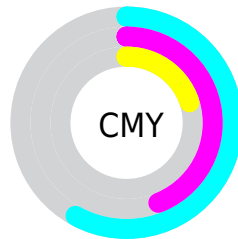
- Red (42%)
- Green (56%)
- Blue (80%)



- Red (42%)
- Yellow (52%)
- Blue (80%)



- Cyan (48%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)



- Cyan (58%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9053, 27.1785, 61.5855 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 26.9053, 27.1785, 61.5855 by changing the saturation by 10% instead.

■ 26.9053, 27.1785,
61.5855

■ 26.9053, 27.1785,
61.5855

279.3742,
288.5203, 448.3834

■ 17.6383, 17.7073,
44.2642

■ 54.1528, 55.1702,
108.6920

■ 10.7888, 10.7401,
30.5396

■ 72.8641, 74.4595,
139.3143

■ 5.9912, 5.8923,
19.9930

■ 95.4542, 97.7902,
175.2074

■ 2.8803, 2.7797,
12.2059

■ 122.2884,
125.5469, 216.7898

■ 1.0908, 1.0178,
6.7598

153.7322,
158.1139, 264.4801

■ 0.0174, 0.0000,
3.2362

190.1509,

■ 0.0000, 0.0000,

195.8755, 318.6967

1.2165

231.9097,
239.2162, 379.8583

■ 0.0000, 0.0000,
0.0000

■ 26.9053, 27.1785,
61.5855

■ 26.9053, 27.1785,
61.5855

■ 22.8909, 22.3842,
60.8722

■ 31.7310, 32.7262,
62.4025

■ 19.6352, 18.3035,
60.2561

■ 37.4102, 39.0583,
63.3254

■ 17.0838, 14.8967,
59.7330

■ 43.9854, 46.2076,
64.3588

■ 15.1722, 12.1179,
59.2974

■ 51.4953, 54.2040,
65.5064

■ 13.8113, 9.9076,
58.9425

■ 59.9765, 63.0756,
66.7718

■ 13.5563, 9.4814,
58.8737

■ 69.4631, 72.8494,
68.1584

■ 79.9880, 83.5510,
69.6693

■ 85.4467, 92.0421,
71.0205

■ 88.0195, 97.1878,
71.8781

Harmonies

Analogous

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



22.6045, 27.1785, 58.7361



26.9053, 27.1785, 61.5855



31.3956, 27.1785, 54.0775

Triad

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



26.9053, 27.1785, 61.5855



33.3646, 27.1785, 17.0475



18.6635, 27.1785, 20.9470

Complementary

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



26.9053, 27.1785, 61.5855



42.0196, 42.4179, 19.8839

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.



20.9685, 27.1785, 13.9044



26.9053, 27.1785, 61.5855



29.3537, 27.1785, 12.1517

Square

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



26.9053, 27.1785, 61.5855



35.3951, 27.1785, 26.6638



24.7883, 27.1785, 11.1968



18.1687, 27.1785, 32.7287

Rectangle

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



26.9053, 27.1785, 61.5855



33.7837, 27.1785, 45.2091



24.7883, 27.1785, 11.1968



19.2381, 27.1785, 18.0636

Sweetspot

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



26.9063, 27.1795, 61.5862



76.3271, 80.2732, 106.0792



34.9108, 49.5952, 44.5035



15.7798, 16.5855, 22.6196



0.0000, 0.0000, 0.0000



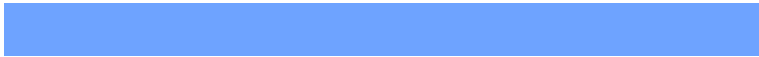
20.3446, 21.4041, 23.3091

Same Dimension

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



26.9063, 27.1795, 61.5862



37.5417, 36.7222, 99.7172



23.8084, 18.8064, 60.1333



10.9336, 11.5076, 14.2153



8.5227, 6.0694, 36.6786



0.5116, 0.4570, 1.9162

Inverse Universe

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



35.3933, 25.4788, 29.0400



53.3929, 34.9824, 38.6086



46.6230, 56.1369, 22.2893



11.3798, 11.2807, 12.5349



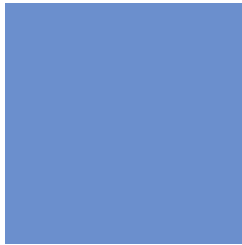
16.5128, 8.4157, 5.1529



0.8882, 0.4487, 0.4571

Previews

White Background



This preview shows how the XYZ color 26.9053, 27.1785, 61.5855 looks on a white background.

Color Contrast Check

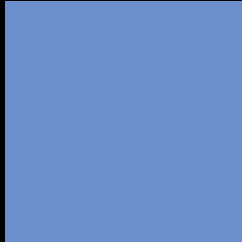
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9053, 27.1785, 61.5855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

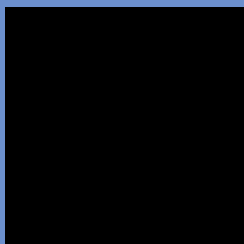
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

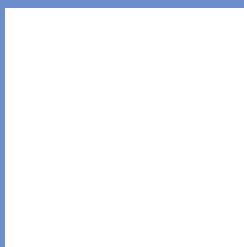
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9053, 27.1785, 61.5855

Background



This preview shows how black text looks on a background with the XYZ color 26.9053, 27.1785, 61.5855.

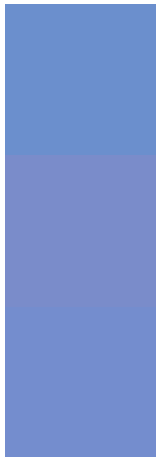


This preview shows how white text looks on a background with the XYZ color 26.9053, 27.1785,

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

26.9053, 27.1785, 61.5855

Protanopia

28.0648, 27.1580, 59.6400

Deuteranopia

27.8679, 27.2190, 62.1775



Tritanopia

22.2936, 27.1572, 38.7172

Trichromacy



Original Color

26.9053, 27.1785, 61.5855

Protanomaly

27.6405, 27.1435, 60.2823

Deuteranomaly

27.6236, 27.3129, 62.2085

Tritanomaly

23.7714, 27.0468, 46.0872

Monochromacy



Original Color

26.9053, 27.1785, 61.5855

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.7413, 25.9125, 38.3479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9053, 27.1785, 61.5855 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(107, 143, 205)` looks like.

```
.text, #text, p{  
    color:rgb(107, 143, 205)  
}
```

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(107, 143, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 143, 205) }
```

Border

The CSS property to change the border of an element to XYZ 26.9053, 27.1785, 61.5855 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(107, 143, 205) }
```


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

```
.border{ border-color:rgb(107, 143, 205) }
```

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

Here you see how a box with a 4 pixel rgb(107, 143, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 143, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 143, 205);  
box-shadow:4px 4px 4px 4px rgb(107, 143,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9053, 27.1785, 61.5855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 143, 205) }
```

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

```
.background{ background-color: rgb(107,  
143, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor