

Converting Colors

XYZ(27.8061, 28.8236, 59.9751)

Have a look what the booklet for
XYZ(27.8061, 28.8236, 59.9751)
contains.

XYZ(27.8061, 28.8236, 59.9751)	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(27.8061, 28.8236,
59.9751)**

Conversions

Conversions Part 1

Format	Color
Hex	6F94CA
RGB	111, 148, 202
RGB Percent	44%, 58%, 79%
CMY	0.5647, 0.4196, 0.2078
CMYK	0.45, 0.27, 0.00, 0.21
HSL	216°, 46%, 61%
HSV	216°, 45%, 79%
XYZ	27.8061, 28.8236, 59.9751
YIQ	143.0930, -39.3860, 8.9500

Conversions

Conversions Part 2

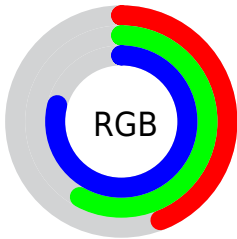
Format	Color
R_{YB}	111, 137, 202
Decimal	7312586
CIE _{Lab}	60.63, 1.64, -31.83
CIE _{LCh}	61, 31.875, 272.949
Yxy	28.8236, 0.2385, 0.2472
Android (android.graphics.Color)	4285502666 (0xFF6F94CA)
YUV	143.0930, 29.0412, -28.1456
Hunter-Lab	53.6876, -1.5039, -28.6523

Details

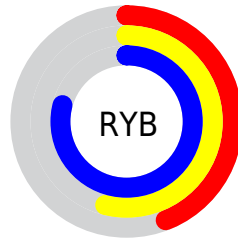
The XYZ color **27.8061, 28.8236, 59.9751** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.6823, 40.6155, 20.7354**, and the grayscale version is **26.0454, 27.4017, 29.8405**.

A 20% lighter version of the original color is **54.8964, 57.5681, 102.8261**, and **11.3439, 11.7142, 29.6802** is the 20% darker color. If you saturate the color by 10%, you get **23.7622, 24.0912, 59.2753**, and if you desaturate by 10%, it is **32.6214, 34.2438, 60.7681**.

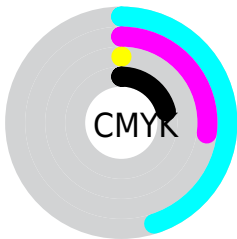
Distribution



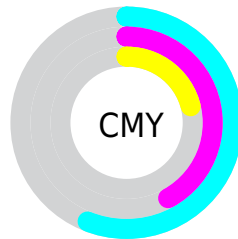
- Red (44%)
- Green (58%)
- Blue (79%)



- Red (44%)
- Yellow (54%)
- Blue (79%)



- Cyan (45%)
- Magenta (27%)
- Yellow (0%)
- Black (21%)



- Cyan (56%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8061, 28.8236, 59.9751 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 27.8061, 28.8236, 59.9751 by changing the saturation by 10% instead.

■ 27.8061, 28.8236,
59.9751

■ 27.8061, 28.8236,
59.9751

283.6361,
296.3817, 442.3081

■ 18.3193, 18.9474,
42.9734

■ 55.5855, 57.7967,
106.3366

■ 11.2805, 11.6323,
29.5330

■ 74.6088, 77.6624,
136.5334

■ 6.3245, 6.4938,
19.2354

■ 97.5417, 101.6268,
171.9657

■ 3.0859, 3.1476,
11.6619

124.7494,
130.0741, 213.0520

■ 1.1994, 1.2093,
6.3942

156.5973,
163.3889, 260.2109

■ 0.1059, 0.0693,
3.0136

193.4509,

■ 0.0000, 0.0000,

201.9555, 313.8608

1.1016

235.6753,
246.1583, 374.4204

■ 0.0000, 0.0000,
0.0000

■ 27.8061, 28.8236,
59.9751

■ 27.8061, 28.8236,
59.9751

■ 23.7622, 24.0912,
59.2753

■ 32.6214, 34.2438,
60.7681

■ 20.4416, 20.0115,
58.6629

■ 38.2464, 40.3784,
61.6557

■ 17.7949, 16.5503,
58.1343

■ 44.7201, 47.2559,
62.6420

■ 15.7646, 13.6683,
57.6850

■ 52.0781, 54.9025,
63.7301

■ 14.2813, 11.3195,
57.3098

■ 60.3539, 63.3430,
64.9231

■ 13.6880, 10.3188,
57.1480

■ 69.5790, 72.6007,
66.2238

■ 79.7837, 82.6983,
67.6350

■ 84.2206, 90.1640,
68.8422

■ 87.6608, 97.0443,
69.9889

Harmonies

Analogous

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



23.9448, 28.8236, 56.2735



27.8061, 28.8236, 59.9751



31.9404, 28.8236, 54.5660

Triad

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



27.8061, 28.8236, 59.9751



34.6055, 28.8236, 20.5792



20.9217, 28.8236, 22.1453

Complementary

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



27.8061, 28.8236, 59.9751



40.6823, 40.6155, 20.7354

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.



23.3044, 28.8236, 15.9207



27.8061, 28.8236, 59.9751



31.1638, 28.8236, 15.1888

Square

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



27.8061, 28.8236, 59.9751



36.1052, 28.8236, 30.2297



26.9899, 28.8236, 13.7252



20.2136, 28.8236, 32.5673

Rectangle

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



27.8061, 28.8236, 59.9751



34.2264, 28.8236, 47.1570



26.9899, 28.8236, 13.7252



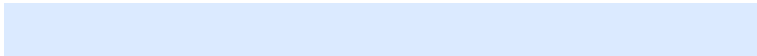
21.5407, 28.8236, 19.5904

Sweetspot

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



27.8071, 28.8247, 59.9758



76.7240, 81.0672, 106.2115



34.3853, 48.3046, 42.6738



15.8760, 16.7779, 22.6516



0.0000, 0.0000, 0.0000



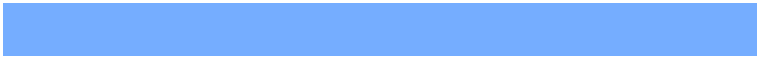
20.3446, 21.4041, 23.3091

Same Dimension

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



27.8071, 28.8247, 59.9758



40.4253, 41.0204, 100.3948



23.8968, 19.5268, 58.3872



10.9700, 11.5805, 14.2274



8.8906, 6.8052, 36.8012



0.5326, 0.4990, 1.9232

Inverse Universe

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



35.3877, 26.0646, 31.1839



55.2070, 37.0809, 43.9290



46.3457, 54.9140, 23.1968



11.3982, 11.2880, 12.6317



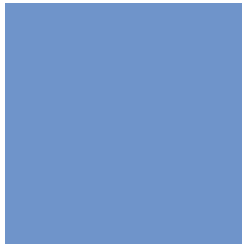
16.6985, 8.4900, 6.1308



0.8988, 0.4529, 0.5129

Previews

White Background



This preview shows how the XYZ color 27.8061, 28.8236, 59.9751 looks on a white background.

Color Contrast Check

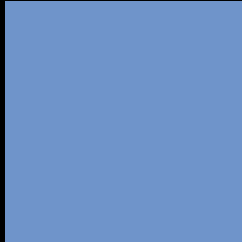
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8061, 28.8236, 59.9751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

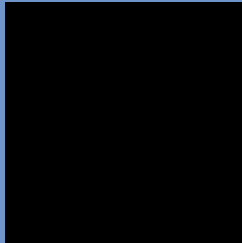
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

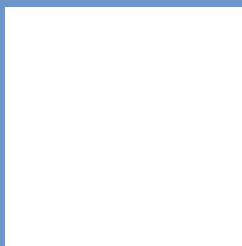
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8061, 28.8236, 59.9751

Background



This preview shows how black text looks on a background with the XYZ color 27.8061, 28.8236, 59.9751.

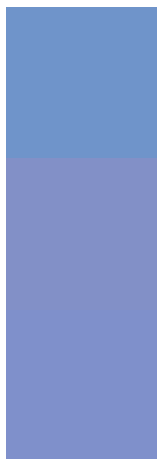


This preview shows how white text looks on a background with the XYZ color 27.8061, 28.8236,

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

27.8061, 28.8236, 59.9751

Protanopia

29.4880, 28.8159, 58.0407

Deuteranopia

29.5051, 28.7703, 60.4981



Tritanopia

24.0632, 28.9994, 40.8884

Trichromacy



Original Color

27.8061, 28.8236, 59.9751

Protanomaly

28.7191, 28.6319, 58.6564

Deuteranomaly

28.7900, 28.6275, 60.5082

Tritanomaly

25.2922, 28.7550, 47.3973

Monochromacy



Original Color

27.8061, 28.8236, 59.9751

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.1863, 27.7564, 39.0993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8061, 28.8236, 59.9751 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(111, 148, 202)` looks like.

```
.text, #text, p{  
    color:rgb(111, 148, 202)  
}
```

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(111, 148, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 148, 202) }
```

Border

The CSS property to change the border of an element to XYZ 27.8061, 28.8236, 59.9751 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(111, 148, 202) }
```


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

```
.border{ border-color:rgb(111, 148, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 148, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 148, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 148, 202);  
box-shadow:4px 4px 4px 4px rgb(111, 148,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8061, 28.8236, 59.9751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 148, 202) }
```

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

```
.background{ background-color: rgb(111,  
148, 202) }
```

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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