

Converting Colors

XYZ(26.9789, 21.4685, 56.0745)

Have a look what the booklet for
XYZ(26.9789, 21.4685, 56.0745)
contains.

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Color

**XYZ(27.0827, 21.5502,
56.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	8D71C6
RGB	141, 113, 198
RGB Percent	55%, 44%, 78%
CMY	0.4470, 0.5569, 0.2235
CMYK	0.29, 0.43, 0.00, 0.22
HSL	260°, 43%, 61%
HSV	260°, 43%, 78%
XYZ	27.0827, 21.5502, 56.1583
YIQ	131.0620, -10.5970, 32.3710

Conversions

Conversions Part 2

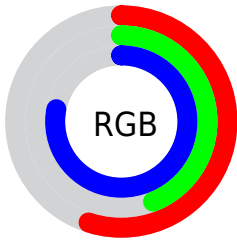
Format	Color
R_{YB}	141, 113, 198
Decimal	9269702
CIE _{Lab}	53.55, 29.25, -40.48
CIE _{LCh}	54, 49.945, 305.848
Yxy	21.5502, 0.2584, 0.2056
Android (android.graphics.Color)	4287459782 (0xFF8D71C6)
YUV	131.0620, 33.0004, 8.7156
Hunter-Lab	46.4222, 22.8980, -39.2293

Details

The XYZ color **27.0827, 21.5502, 56.1583** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **39.7527, 50.1269, 23.2038**, and the grayscale version is **21.4848, 22.6037, 24.6154**.

A 20% lighter version of the original color is **54.2701, 45.8660, 100.6004**, and **10.8919, 7.7551, 27.3084** is the 20% darker color. If you saturate the color by 10%, you get **22.9861, 16.5095, 55.4016**, and if you desaturate by 10%, it is **31.9335, 27.6959, 57.0893**.

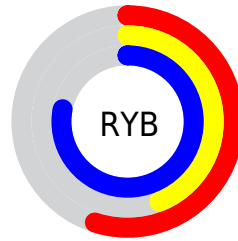
Distribution



Red (55%)

Green (44%)

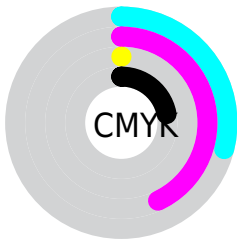
Blue (78%)



Red (55%)

Yellow (44%)

Blue (78%)

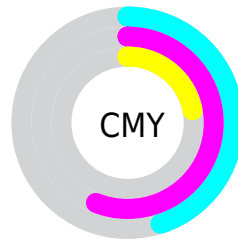


Cyan (29%)

Magenta (43%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (56%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0827, 21.5502, 56.1583 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 27.0827, 21.5502, 56.1583 by changing the saturation by 10% instead.

■ 27.0827, 21.5502,
56.1583

■ 27.0827, 21.5502,
56.1583

280.2176,
260.1882, 427.6929

■ 17.7723, 13.5268,
39.9250

■ 54.4355, 46.0014,
100.7241

■ 10.8853, 7.7923,
27.1667

■ 73.2086, 63.1980,
129.8937

■ 6.0565, 3.9623,
17.4649

■ 95.8665, 84.2212,
164.2124

■ 2.9204, 1.6525,
10.4011

■ 122.7748,
109.4552, 204.0989

■ 1.1118, 0.3926,
5.5566

154.2986,
139.2845, 249.9717

■ 0.0350, 0.0000,
2.5130

190.8035,

■ 0.0000, 0.0000,

174.0935, 302.2492

0.8470

232.6547,
214.2666, 361.3501

■ 0.0000, 0.0000,
0.0000

■ 27.0827, 21.5502,
56.1583

■ 27.0827, 21.5502,
56.1583

■ 22.9861, 16.5095,
55.4016

■ 31.9335, 27.6959,
57.0893

■ 19.6000, 12.5029,
54.8068

■ 37.5739, 35.0062,
58.2030

■ 16.8798, 9.4553,
54.3619

■ 44.0399, 43.5397,
59.5093

■ 14.7739, 7.2795,
54.0529

■ 51.3644, 53.3499,
61.0169

■ 13.2218, 5.8718,
53.8630

■ 59.5786, 64.4873,
62.7337

■ 12.3881, 5.2088,
53.7790

■ 68.7120, 76.9996,
64.6674

■ 78.7927, 90.9321,
66.8253

■ 84.3895, 95.4119,
67.3950

■ 87.1931, 96.8572,
67.5262

Harmonies

Analogous

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



21.5439, 21.5502, 66.3882



27.0827, 21.5502, 56.1583



31.3168, 21.5502, 37.6218

Triad

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



27.0827, 21.5502, 56.1583



24.9638, 21.5502, 5.5904



11.8929, 21.5502, 26.5808

Complementary

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



27.0827, 21.5502, 56.1583



39.7527, 50.1269, 23.2038

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.



12.4892, 21.5502, 13.3962



27.0827, 21.5502, 56.1583



19.4572, 21.5502, 4.7131

Square

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



27.0827, 21.5502, 56.1583



29.9526, 21.5502, 10.1411



15.0530, 21.5502, 6.8191



13.2545, 21.5502, 45.1654

Rectangle

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



27.0827, 21.5502, 56.1583



32.4848, 21.5502, 25.6518



15.0530, 21.5502, 6.8191



11.8745, 21.5502, 21.4052

Sweetspot

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



27.0835, 21.5510, 56.1588



77.6608, 76.6679, 105.3130



31.5824, 36.7459, 58.8546



16.0476, 15.6470, 22.4243



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.



27.0835, 21.5510, 56.1588



40.8017, 29.3533, 98.1230



35.4887, 25.8841, 56.5522



10.3803, 10.4543, 13.3883



8.1374, 3.4292, 34.9774



0.4622, 0.2020, 1.6598

Inverse Universe

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



36.4500, 26.7190, 41.2666



60.0466, 39.9967, 66.3930



32.1654, 46.2155, 22.8487



10.9288, 10.7549, 12.6082



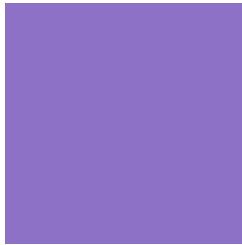
17.9292, 8.9213, 15.3690



0.8814, 0.4354, 0.8984

Previews

White Background



This preview shows how the XYZ color 27.0827, 21.5502, 56.1583 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 27.0827, 21.5502, 56.1583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

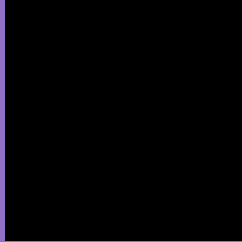
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0827, 21.5502, 56.1583

Background



This preview shows how black text looks on a background with the XYZ color 27.0827, 21.5502, 56.1583.



This preview shows how white text looks on a background with the XYZ color 27.0827, 21.5502,

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

27.0827, 21.5502, 56.1583

Protanopia

23.5616, 21.7036, 63.2690

Deuteranopia

22.2888, 21.8114, 54.6650



Tritanopia

21.1580, 21.6520, 26.7310

Trichromacy



Original Color

27.0827, 21.5502, 56.1583

Protanomaly

24.5389, 21.5273, 60.6194

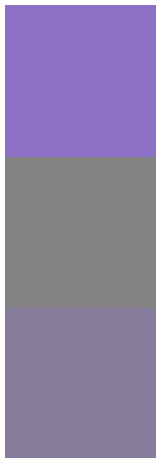
Deuteranomaly

23.7289, 21.5962, 55.1424

Tritanomaly

22.8904, 21.4088, 35.7267

Monochromacy



Original Color

27.0827, 21.5502, 56.1583

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.1157, 21.9328, 34.0255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0827, 21.5502, 56.1583 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(141, 113, 198)` looks like.

```
.text, #text, p{  
    color:rgb(141, 113, 198)  
}
```

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(141, 113, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 113, 198) }
```

Border

The CSS property to change the border of an element to XYZ 27.0827, 21.5502, 56.1583 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(141, 113, 198) }
```


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

```
.border{ border-color:rgb(141, 113, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 113, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 113, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 113, 198);  
box-shadow:4px 4px 4px 4px rgb(141, 113,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0827, 21.5502, 56.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 113, 198) }
```

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

```
.background{ background-color: rgb(141,  
113, 198) }
```

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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