

Converting Colors

XYZ(25.9862, 22.0599, 56.8603)

Have a look what the booklet for
XYZ(25.9862, 22.0599, 56.8603)
contains.

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Color

**XYZ(25.9589, 21.9843,
56.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	8177C7
RGB	129, 119, 199
RGB Percent	51%, 47%, 78%
CMY	0.4941, 0.5333, 0.2196
CMYK	0.35, 0.40, 0.00, 0.22
HSL	248°, 42%, 62%
HSV	248°, 40%, 78%
XYZ	25.9589, 21.9843, 56.9080
YIQ	131.1100, -19.7200, 27.0000

Conversions

Conversions Part 2

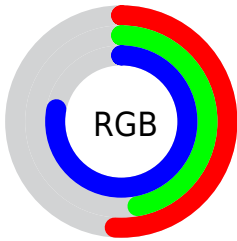
Format	Color
R_{YB}	129, 119, 199
Decimal	8484807
CIE _{Lab}	54.01, 22.64, -40.39
CIE _{LCh}	54, 46.304, 299.264
Yxy	21.9843, 0.2476, 0.2097
Android (android.graphics.Color)	4286674887 (0xFF8177C7)
YUV	131.1100, 33.4698, -1.8505
Hunter-Lab	46.8874, 16.7723, -39.1400

Details

The XYZ color **25.9589, 21.9843, 56.9080** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **44.7396, 52.9979, 25.3251**, and the grayscale version is **21.5026, 22.6224, 24.6358**.

A 20% lighter version of the original color is **52.3801, 46.5362, 100.8294**, and **10.3446, 8.0873, 27.8039** is the 20% darker color. If you saturate the color by 10%, you get **21.4106, 16.4846, 56.0866**, and if you desaturate by 10%, it is **31.4554, 28.7097, 57.9168**.

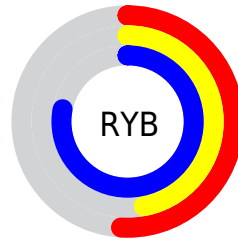
Distribution



Red (51%)

Green (47%)

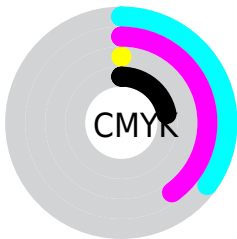
Blue (78%)



Red (51%)

Yellow (47%)

Blue (78%)

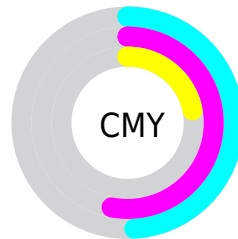


Cyan (35%)

Magenta (40%)

Yellow (0%)

Black (22%)



Cyan (49%)

Magenta (53%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9589, 21.9843, 56.9080 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 25.9589, 21.9843, 56.9080 by changing the saturation by 10% instead.

■ 25.9589, 21.9843,
56.9080

■ 25.9589, 21.9843,
56.9080

274.8407,
262.4643, 430.5886

■ 16.9254, 13.8454,
40.5225

■ 52.6404, 46.7200,
101.8299

■ 10.2763, 8.0132,
27.6293

■ 71.0191, 64.0856,
131.2035

■ 5.6462, 4.1034,
17.8098

■ 93.2437, 85.2956,
165.7434

■ 2.6698, 1.7316,
10.6455

119.6793,
110.7343, 205.8684

■ 0.9816, 0.4440,
5.7178

150.6915,
140.7861, 251.9968

■ 0.0000, 0.0000,
2.6083

186.6456,

■ 0.0000, 0.0000,

175.8354, 304.5473

0.8967

227.9068,
216.2667, 363.9384

■ 0.0000, 0.0000,
0.0000

■ 25.9589, 21.9843,
56.9080

■ 25.9589, 21.9843,
56.9080

■ 21.4106, 16.4846,
56.0866

■ 31.4554, 28.7097,
57.9168

■ 17.7539, 12.1339,
55.4395

■ 37.9474, 36.7261,
59.1220

■ 14.9302, 8.8507,
54.9546

■ 45.4818, 46.0974,
60.5337

■ 12.8724, 6.5418,
54.6174

■ 54.1020, 56.8823,
62.1611

■ 11.5028, 5.0975,
54.4108

■ 63.8488, 69.1362,
64.0126

■ 10.7068, 4.3287,
54.3044

■ 74.7609, 82.9113,
66.0964

■ 85.8126, 96.1322,
68.0658

■ 87.3089, 96.9035,
68.1358

Harmonies

Analogous

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



20.7721, 21.9843, 63.3987



25.9589, 21.9843, 56.9080



30.3014, 21.9843, 40.9567

Triad

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



25.9589, 21.9843, 56.9080



26.2070, 21.9843, 7.2084



12.6777, 21.9843, 23.5851

Complementary

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



25.9589, 21.9843, 56.9080



44.7396, 52.9979, 25.3251

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.



13.6703, 21.9843, 12.4381



25.9589, 21.9843, 56.9080



21.0192, 21.9843, 5.6068

Square

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



25.9589, 21.9843, 56.9080



30.4599, 21.9843, 12.8384



16.5373, 21.9843, 7.0506



13.5774, 21.9843, 40.0863

Rectangle

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



25.9589, 21.9843, 56.9080



31.8421, 21.9843, 29.4442



16.5373, 21.9843, 7.0506



12.7982, 21.9843, 19.1636

Sweetspot

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



25.9597, 21.9851, 56.9085



76.8798, 77.2775, 105.4718



36.2584, 44.7287, 60.7557



16.0687, 16.0588, 22.5027



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.



25.9597, 21.9851, 56.9085



38.5779, 30.1725, 98.3983



33.1257, 25.6793, 57.2439



10.1779, 10.3500, 13.3788



6.9255, 2.8045, 34.9207



0.3697, 0.1543, 1.6554

Inverse Universe

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



39.3357, 29.0105, 51.6703



65.2562, 44.1991, 87.2951



36.2702, 48.6317, 24.9287



11.0238, 10.7929, 13.1087



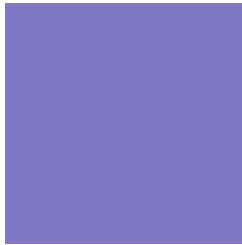
20.0878, 9.7847, 26.7362



0.9676, 0.4699, 1.3525

Previews

White Background



This preview shows how the XYZ color 25.9589, 21.9843, 56.9080 looks on a white background.

Color Contrast Check

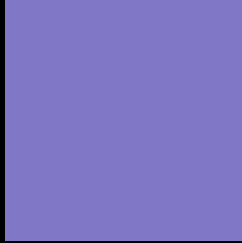
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9589, 21.9843, 56.9080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

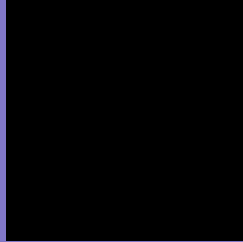
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9589, 21.9843, 56.9080

Background



This preview shows how black text looks on a background with the XYZ color 25.9589, 21.9843, 56.9080.



This preview shows how white text looks on a background with the XYZ color 25.9589, 21.9843,

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

25.9589, 21.9843, 56.9080

Protanopia

23.7470, 22.0306, 61.3932

Deuteranopia

22.7522, 22.2185, 55.9128



Tritanopia

20.2012, 21.8986, 28.7533

Trichromacy



Original Color

25.9589, 21.9843, 56.9080

Protanomaly

24.2929, 21.7927, 59.4260

Deuteranomaly

23.7110, 21.9326, 56.4098

Tritanomaly

22.0854, 21.8880, 37.7111

Monochromacy



Original Color

25.9589, 21.9843, 56.9080

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.7960, 22.3249, 34.5601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9589, 21.9843, 56.9080 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(129, 119, 199)` looks like.

```
.text, #text, p{  
    color:rgb(129, 119, 199)  
}
```

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(129, 119, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 119, 199) }
```

Border

The CSS property to change the border of an element to XYZ 25.9589, 21.9843, 56.9080 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(129, 119, 199) }
```


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

```
.border{ border-color:rgb(129, 119, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 119, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 119, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 119, 199);  
box-shadow:4px 4px 4px 4px rgb(129, 119,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9589, 21.9843, 56.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 119, 199) }
```

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

```
.background{ background-color: rgb(129,  
119, 199) }
```

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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