

Converting Colors

XYZ(28.5443, 25.2214, 63.4767)

Have a look what the booklet for
XYZ(28.5443, 25.2214, 63.4767)
contains.

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Color

**XYZ(28.5445, 25.2358,
63.6881)**

Conversions

Conversions Part 1

Format	Color
Hex	8182D1
RGB	129, 130, 209
RGB Percent	51%, 51%, 82%
CMY	0.4941, 0.4902, 0.1804
CMYK	0.38, 0.38, 0.00, 0.18
HSL	239°, 47%, 66%
HSV	239°, 38%, 82%
XYZ	28.5445, 25.2358, 63.6881
YIQ	138.7070, -25.9550, 24.3570

Conversions

Conversions Part 2

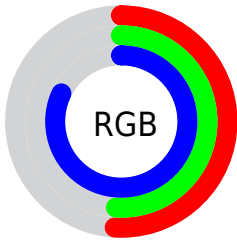
Format	Color
R_{YB}	129, 130, 209
Decimal	8487633
CIE _{Lab}	57.30, 18.87, -40.87
CIE _{LCh}	57, 45.019, 294.778
Yxy	25.2358, 0.2430, 0.2148
Android (android.graphics.Color)	4286677713 (0xFF8182D1)
YUV	138.7070, 34.6544, -8.5130
Hunter-Lab	50.2352, 13.5150, -40.0030

Details

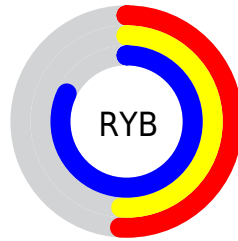
The XYZ color **28.5445, 25.2358, 63.6881** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **52.8138, 60.2533, 29.6166**, and the grayscale version is **24.3071, 25.5730, 27.8489**.

A 20% lighter version of the original color is **54.7507, 51.2773, 101.6196**, and **11.6768, 9.7138, 31.8314** is the 20% darker color. If you saturate the color by 10%, you get **23.2131, 18.8130, 62.7298**, and if you desaturate by 10%, it is **35.0776, 33.0963, 64.8615**.

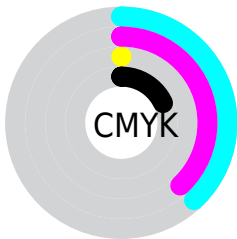
Distribution



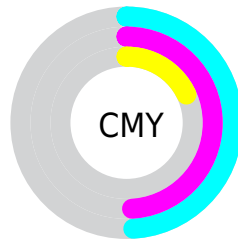
- Red (51%)
- Green (51%)
- Blue (82%)



- Red (51%)
- Yellow (51%)
- Blue (82%)



- Cyan (38%)
- Magenta (38%)
- Yellow (0%)
- Black (18%)



- Cyan (49%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5445, 25.2358, 63.6881 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 28.5445, 25.2358, 63.6881 by changing the saturation by 10% instead.

■ 28.5445, 25.2358,
63.6881

■ 28.5445, 25.2358,
63.6881

287.0928,
279.0102, 456.2390

■ 18.8791, 16.2528,
45.9535

■ 56.7552, 52.0395,
111.7568

■ 11.6864, 9.7032,
31.8608

■ 76.0311, 70.6290,
142.9280

■ 6.6012, 5.2026,
20.9912

■ 99.2413, 93.1895,
179.4151

■ 3.2581, 2.3666,
12.9264

126.7510,
120.1053, 221.6367

■ 1.2917, 0.8086,
7.2478

158.9257,
151.7609, 270.0114

■ 0.1770, 0.0000,
3.5367

196.1306,

■ 0.0000, 0.0000,

188.5407, 324.9576

1.3748

238.7312,
230.8290, 386.8940

■ 0.0000, 0.0000,
0.1219

■ 0.0000, 0.0000,
0.0000

■ 28.5445, 25.2358,
63.6881

■ 28.5445, 25.2358,
63.6881

■ 23.2131, 18.8130,
62.7298

■ 35.0776, 33.0963,
64.8615

■ 19.0076, 13.7384,
61.9720

■ 42.8765, 42.4713,
66.2600

■ 15.8482, 9.9168,
61.4009

■ 52.0040, 53.4353,
67.8952

■ 13.6431, 7.2394,
61.0003

■ 62.5180, 66.0573,
69.7773

■ 12.2850, 5.5789,
60.7514

■ 74.4728, 80.4021,
71.9161

■ 11.6207, 4.7606,
60.6284

■ 87.9200, 96.5310,
74.3205

■ 11.5370, 4.6601,
60.6135

■ 88.5087, 97.3835,
74.4540

Harmonies

Analogous

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



23.0648, 25.2358, 68.3170



28.5445, 25.2358, 63.6881



33.3742, 25.2358, 48.1293

Triad

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



28.5445, 25.2358, 63.6881



30.3982, 25.2358, 9.7934



15.1560, 25.2358, 24.8909

Complementary

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



28.5445, 25.2358, 63.6881



52.8138, 60.2533, 29.6166

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.



16.5473, 25.2358, 13.7836



28.5445, 25.2358, 63.6881



24.9311, 25.2358, 7.3827

Square

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



28.5445, 25.2358, 63.6881



34.5507, 25.2358, 16.9171



19.9404, 25.2358, 8.5106



15.8295, 25.2358, 41.7121

Rectangle

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



28.5445, 25.2358, 63.6881



35.3012, 25.2358, 35.9302



19.9404, 25.2358, 8.5106



15.3908, 25.2358, 20.4667

Sweetspot

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



28.5454, 25.2367, 63.6887



77.2640, 78.6453, 105.7155



43.1987, 54.8064, 67.7621



16.1084, 16.3177, 22.5506



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.



28.5454, 25.2367, 63.6887



37.7381, 31.1105, 98.6237



35.4375, 28.5935, 63.9734



11.1754, 11.4410, 14.8630



7.1187, 2.8840, 37.3740



0.4023, 0.1698, 2.0911

Inverse Universe

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



38.1748, 30.8686, 25.0661



54.9577, 41.2199, 29.5487



43.4135, 55.7698, 29.2467



11.8147, 11.8106, 12.2998



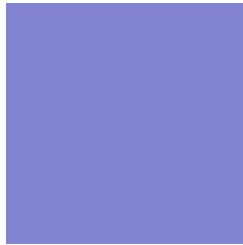
16.2239, 8.3624, 0.8193



0.9093, 0.4684, 0.0571

Previews

White Background



This preview shows how the XYZ color 28.5445, 25.2358, 63.6881 looks on a white background.

Color Contrast Check

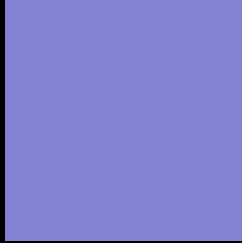
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5445, 25.2358, 63.6881 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 28.5445, 25.2358, 63.6881

Background



This preview shows how black text looks on a background with the XYZ color 28.5445, 25.2358, 63.6881.



This preview shows how white text looks on a background with the XYZ color 28.5445, 25.2358,

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

28.5445, 25.2358, 63.6881

Protanopia

26.9809, 25.3833, 66.4282

Deuteranopia

26.0397, 25.3884, 63.2025



Tritanopia

22.6252, 25.3589, 33.8393

Trichromacy



Original Color

28.5445, 25.2358, 63.6881

Protanomaly

27.4737, 25.2415, 65.7114

Deuteranomaly

26.7203, 25.1150, 63.1139

Tritanomaly

24.5165, 25.2590, 43.1185

Monochromacy



Original Color

28.5445, 25.2358, 63.6881

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.4967, 25.4396, 38.6885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5445, 25.2358, 63.6881 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, 130, 209)` looks like.

```
.text, #text, p{  
    color:rgb(129, 130, 209)  
}
```

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, 130, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 130, 209) }
```

Border

The CSS property to change the border of an element to XYZ 28.5445, 25.2358, 63.6881 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, 130, 209) }
```


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

```
.border{ border-color:rgb(129, 130, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 130, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 130, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 130, 209);  
box-shadow:4px 4px 4px 4px rgb(129, 130,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5445, 25.2358, 63.6881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 130, 209) }
```

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

```
.background{ background-color: rgb(129,  
130, 209) }
```

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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