

Converting Colors

XYZ(28.0349, 25.6159, 49.1789)

Have a look what the booklet for
XYZ(28.0349, 25.6159, 49.1789)
contains.

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Color

**XYZ(28.1635, 25.7561,
49.3860)**

Conversions

Conversions Part 1

Format	Color
Hex	8E84B9
RGB	142, 132, 185
RGB Percent	56%, 52%, 73%
CMY	0.4431, 0.4823, 0.2745
CMYK	0.23, 0.29, 0.00, 0.27
HSL	251°, 27%, 62%
HSV	251°, 29%, 73%
XYZ	28.1635, 25.7561, 49.3860
YIQ	141.0320, -11.0530, 18.6030

Conversions

Conversions Part 2

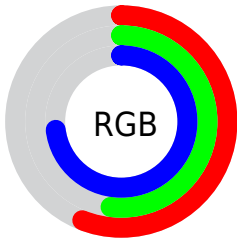
Format	Color
R_{YB}	142, 132, 185
Decimal	9340089
CIE _{Lab}	57.80, 15.21, -26.42
CIE _{LCh}	58, 30.485, 299.940
Yxy	25.7561, 0.2726, 0.2493
Android (android.graphics.Color)	4287530169 (0xFF8E84B9)
YUV	141.0320, 21.6762, 0.8489
Hunter-Lab	50.7505, 10.2436, -22.1706

Details

The XYZ color **28.1635, 25.7561, 49.3860** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.1939, 45.4785, 28.5434**, and the grayscale version is **25.2515, 26.5665, 28.9309**.

A 20% lighter version of the original color is **55.9911, 52.7846, 90.4565**, and **11.5725, 10.0766, 23.1648** is the 20% darker color. If you saturate the color by 10%, you get **23.4696, 19.9370, 48.5106**, and if you desaturate by 10%, it is **33.6508, 32.6457, 50.4271**.

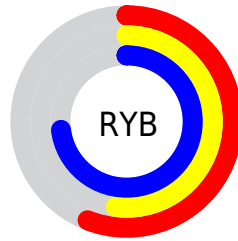
Distribution



Red (56%)

Green (52%)

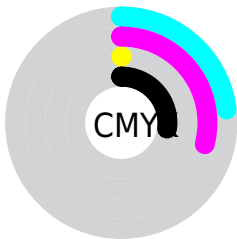
Blue (73%)



Red (56%)

Yellow (52%)

Blue (73%)

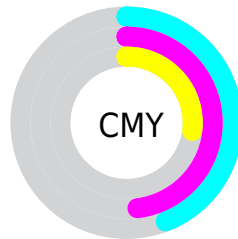


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (44%)

Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1635, 25.7561, 49.3860 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 28.1635, 25.7561, 49.3860 by changing the saturation by 10% instead.

■ 28.1635, 25.7561,
49.3860

■ 28.1635, 25.7561,
49.3860

285.3133,
281.5827, 400.9260

■ 18.5900, 16.6413,
34.5580

■ 56.1522, 52.8812,
90.6514

■ 11.4767, 9.9791,
23.0418

■ 75.2981, 71.6603,
117.9259

■ 6.4581, 5.3851,
14.4188

■ 98.3656, 94.4296,
150.1863

■ 3.1688, 2.4749,
8.2704

125.7199,
121.5734, 187.8512

■ 1.2437, 0.8640,
4.1782

157.7265,
153.4763, 231.3390

■ 0.1404, 0.0000,
1.7236

194.7507,

■ 0.0000, 0.0000,

190.5225, 281.0684

0.3768

237.1578,
233.0965, 337.4579

■ 0.0000, 0.0000,
0.0000

■ 28.1635, 25.7561,
49.3860

■ 28.1635, 25.7561,
49.3860

■ 23.4696, 19.9370,
48.5106

■ 33.6508, 32.6457,
50.4271

■ 19.5293, 15.1313,
47.7907

■ 39.9636, 40.6531,
51.6399

■ 16.3031, 11.2811,
47.2176

■ 47.1355, 49.8262,
53.0325

■ 13.7466, 8.3214,
46.7810

■ 55.1974, 60.2094,
54.6117

■ 11.8107, 6.1787,
46.4695

■ 64.1786, 71.8447,
56.3842

■ 10.4385, 4.7678,
46.2695

■ 74.1072, 84.7721,
58.3562

■ 9.5447, 3.9492,
46.1586

■ 82.8997, 94.8098,
59.8302

■ 9.4469, 3.8584,
46.1462

■ 85.7570, 96.2828,
59.9639

Harmonies

Analogous

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



24.4731, 25.7561, 53.4132



28.1635, 25.7561, 49.3860



31.0906, 25.7561, 39.3997

Triad

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



28.1635, 25.7561, 49.3860



28.1775, 25.7561, 13.9667



18.0957, 25.7561, 28.0230

Complementary

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



28.1635, 25.7561, 49.3860



39.1939, 45.4785, 28.5434

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.



18.8806, 25.7561, 19.1113



28.1635, 25.7561, 49.3860



24.4877, 25.7561, 12.3318

Square

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



28.1635, 25.7561, 49.3860



31.0992, 25.7561, 19.1395



21.1333, 25.7561, 13.9535



18.8744, 25.7561, 39.3541

Rectangle

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



28.1635, 25.7561, 49.3860



32.0842, 25.7561, 31.7140



21.1333, 25.7561, 13.9535



18.1842, 25.7561, 24.6687

Sweetspot

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



28.1644, 25.7571, 49.3866



70.9726, 72.0429, 92.3696



33.6587, 39.1794, 51.6878



14.9297, 15.0594, 19.8415



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.1644, 25.7571, 49.3866



45.3066, 39.7464, 87.4885



33.2037, 28.3550, 49.6224



8.6750, 8.7988, 11.3206



6.4792, 2.6514, 31.4233



0.2764, 0.1182, 1.1100

Inverse Universe

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



35.9975, 29.9130, 44.4351



61.5934, 48.3949, 76.8468



33.8696, 42.7337, 28.2942



9.3063, 9.1329, 10.9604



17.4024, 8.5347, 20.5378



0.6325, 0.3085, 0.8242

Previews

White Background



This preview shows how the XYZ color 28.1635, 25.7561, 49.3860 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 28.1635, 25.7561, 49.3860 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 28.1635, 25.7561, 49.3860

Background



This preview shows how black text looks on a background with the XYZ color 28.1635, 25.7561, 49.3860.



This preview shows how white text looks on a background with the XYZ color 28.1635, 25.7561,

49.3860.

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

28.1635, 25.7561, 49.3860

Protanopia

26.4431, 25.8505, 51.7401

Deuteranopia

26.4995, 25.9412, 48.9579



Tritanopia

24.7293, 25.8181, 32.5342

Trichromacy



Original Color

28.1635, 25.7561, 49.3860

Protanomaly

27.1011, 25.7841, 51.1254

Deuteranomaly

26.9886, 25.7752, 48.9001

Tritanomaly

25.8963, 25.6559, 38.2375

Monochromacy



Original Color

28.1635, 25.7561, 49.3860

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.1588, 26.2740, 35.5910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1635, 25.7561, 49.3860 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(142, 132, 185)` looks like.

```
.text, #text, p{  
    color:rgb(142, 132, 185)  
}
```

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(142, 132, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 132, 185) }
```

Border

The CSS property to change the border of an element to XYZ 28.1635, 25.7561, 49.3860 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(142, 132, 185) }
```


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

```
.border{ border-color:rgb(142, 132, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 132, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 132, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 132, 185);  
box-shadow:4px 4px 4px 4px rgb(142, 132,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1635, 25.7561, 49.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 132, 185) }
```

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

```
.background{ background-color: rgb(142,  
132, 185) }
```

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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