

Converting Colors

XYZ(28.1126, 28.3877, 44.7581)

Have a look what the booklet for
XYZ(28.1126, 28.3877, 44.7581)
contains.

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Color

**XYZ(28.0276, 28.3600,
44.5543)**

Conversions

Conversions Part 1

Format	Color
Hex	8990AF
RGB	137, 144, 175
RGB Percent	54%, 56%, 69%
CMY	0.4627, 0.4353, 0.3137
CMYK	0.22, 0.18, 0.00, 0.31
HSL	229°, 19%, 61%
HSV	229°, 22%, 69%
XYZ	28.0276, 28.3600, 44.5543
YIQ	145.4410, -14.1230, 8.1570

Conversions

Conversions Part 2

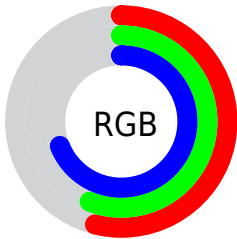
Format	Color
RYB	137, 143, 175
Decimal	9015471
CIELab	60.21, 4.30, -17.08
CIElCh	60, 17.614, 284.128
Yxy	28.3600, 0.2777, 0.2810
Android (android.graphics.Color)	4287205551 (0xFF8990AF)
YUV	145.4410, 14.5726, -7.4028
Hunter-Lab	53.2541, 0.7497, -12.3263

Details

The XYZ color **28.0276, 28.3600, 44.5543** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.1974, 38.9253, 29.2731**, and the grayscale version is **27.0404, 28.4486, 30.9805**.

A 20% lighter version of the original color is **56.1037, 57.2341, 83.6916**, and **11.3533, 11.3890, 20.0123** is the 20% darker color. If you saturate the color by 10%, you get **23.3612, 22.9456, 43.7556**, and if you desaturate by 10%, it is **33.4346, 34.5635, 45.4672**.

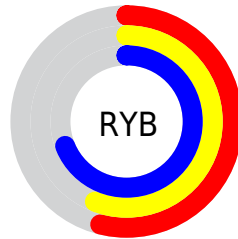
Distribution



 Red (54%)

 Green (56%)

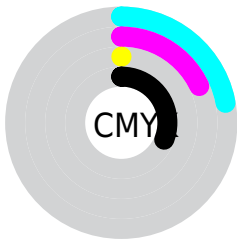
 Blue (69%)



 Red (54%)

 Yellow (56%)

 Blue (69%)

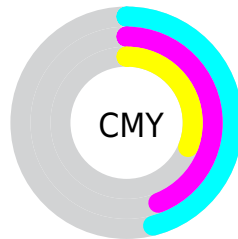



 Cyan (22%)

 Magenta (18%)

 Yellow (0%)

 Black (31%)



 Cyan (46%)

 Magenta (44%)

 Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0276, 28.3600, 44.5543 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 28.0276, 28.3600, 44.5543 by changing the saturation by 10% instead.

■ 28.0276, 28.3600,
44.5543

■ 28.0276, 28.3600,
44.5543

284.6765,
294.1832, 381.0728

■ 18.4870, 18.5972,
30.7661

■ 55.9368, 57.0587,
83.3625

■ 11.4020, 11.3796,
20.1639

■ 75.0362, 76.7634,
109.2197

■ 6.4072, 6.3228,
12.3289

■ 98.0526, 100.5508,
139.9369

■ 3.1372, 3.0423,
6.8429

125.3513,
128.8054, 175.9327

■ 1.2267, 1.1539,
3.2871

157.2976,
161.9115, 217.6256

■ 0.1273, 0.0235,
1.2430

194.2571,

■ 0.0000, 0.0000,

200.2536, 265.4343

0.0144

236.5949,
244.2160, 319.7772

■ 0.0000, 0.0000,
0.0000

■ 28.0276, 28.3600,
44.5543

■ 28.0276, 28.3600,
44.5543

■ 23.3612, 22.9456,
43.7556

■ 33.4346, 34.5635,
45.4672

■ 19.4000, 18.2848,
43.0648

■ 39.6099, 41.5826,
46.4965

■ 16.1100, 14.3448,
42.4777

■ 46.5833, 49.4469,
47.6470

■ 13.4529, 11.0888,
41.9893

■ 54.3820, 58.1835,
48.9223

■ 11.3869, 8.4766,
41.5940

■ 63.0320, 67.8182,
50.3260

■ 9.8644, 6.4637,
41.2857

■ 72.5581, 78.3758,
51.8618

■ 8.8304, 4.9995,
41.0575

■ 81.3084, 89.0161,
53.4544

■ 8.2611, 4.1414,
40.9219

■ 84.7380, 95.8752,
54.5975

Harmonies

Analogous

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



25.7869, 28.3600, 44.4296



28.0276, 28.3600, 44.5543



30.0883, 28.3600, 40.6774

Triad

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



28.0276, 28.3600, 44.5543



30.1888, 28.3600, 23.0151



22.9962, 28.3600, 27.6062

Complementary

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



28.0276, 28.3600, 44.5543



36.1974, 38.9253, 29.2731

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.



24.0477, 28.3600, 22.7962



28.0276, 28.3600, 44.5543



28.1586, 28.3600, 20.4089

Square

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



28.0276, 28.3600, 44.5543



31.3824, 28.3600, 27.9463



25.9108, 28.3600, 20.3348



22.9655, 28.3600, 34.0105

Rectangle

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



28.0276, 28.3600, 44.5543



31.0479, 28.3600, 36.6208



25.9108, 28.3600, 20.3348



23.2392, 28.3600, 25.7715

Sweetspot

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



28.0285, 28.3612, 44.5549



64.7846, 67.4900, 82.2492



32.6592, 38.7837, 42.5186



14.2580, 14.8399, 18.2572



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.0285, 28.3612, 44.5549



46.0776, 46.0280, 79.0926



28.9693, 27.3204, 44.3045



7.6939, 7.9871, 10.0889



5.9500, 3.0339, 29.3165



0.2001, 0.1535, 0.8271

Inverse Universe

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



31.6596, 29.0196, 30.3195



53.7729, 47.5542, 48.8946



35.0733, 40.3167, 29.6009



8.0633, 8.0386, 8.6441



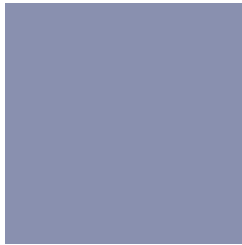
12.8669, 6.6093, 1.6787



0.3754, 0.1908, 0.1385

Previews

White Background



This preview shows how the XYZ color 28.0276, 28.3600, 44.5543 looks on a white background.

Color Contrast Check

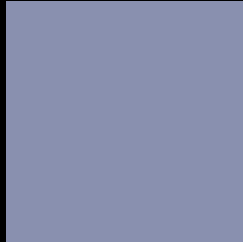
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0276, 28.3600, 44.5543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

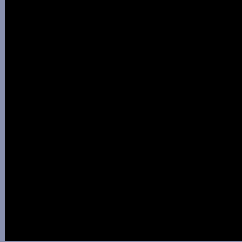
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0276, 28.3600, 44.5543

Background



This preview shows how black text looks on a background with the XYZ color 28.0276, 28.3600, 44.5543.



This preview shows how white text looks on a background with the XYZ color 28.0276, 28.3600,

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

28.0276, 28.3600, 44.5543

Protanopia

28.1924, 28.4449, 44.5620

Deuteranopia

28.9125, 28.3704, 44.5096



Tritanopia

26.5232, 28.4390, 36.8922

Trichromacy



Original Color

28.0276, 28.3600, 44.5543

Protanomaly

28.1924, 28.4449, 44.5620

Deuteranomaly

28.5448, 28.4028, 44.5353

Tritanomaly

27.0621, 28.4253, 39.6576

Monochromacy



Original Color

28.0276, 28.3600, 44.5543

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.2815, 28.4019, 35.4967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0276, 28.3600, 44.5543 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(137, 144, 175)` looks like.

```
.text, #text, p{  
    color:rgb(137, 144, 175)  
}
```

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(137, 144, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 144, 175) }
```

Border

The CSS property to change the border of an element to XYZ 28.0276, 28.3600, 44.5543 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(137, 144, 175) }
```


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

```
.border{ border-color:rgb(137, 144, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 144, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 144, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 144, 175);  
box-shadow:4px 4px 4px 4px rgb(137, 144,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0276, 28.3600, 44.5543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 144, 175) }
```

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

```
.background{ background-color: rgb(137,  
144, 175) }
```

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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