

Converting Colors

XYZ(27.8341, 28.3738, 41.6450)

Have a look what the booklet for
XYZ(27.8341, 28.3738, 41.6450)
contains.

XYZ(27.7822, 28.3001, 41.5343)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.7822, 28.3001,
41.5343)**

Conversions

Conversions Part 1

Format	Color
Hex	8B90A9
RGB	139, 144, 169
RGB Percent	55%, 56%, 66%
CMY	0.4549, 0.4353, 0.3373
CMYK	0.18, 0.15, 0.00, 0.34
HSL	230°, 15%, 60%
HSV	230°, 18%, 66%
XYZ	27.7822, 28.3001, 41.5343
YIQ	145.3550, -11.0050, 6.7150

Conversions

Conversions Part 2

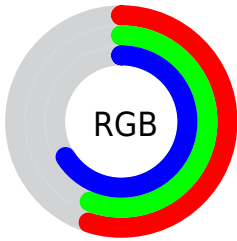
Format	Color
RYB	139, 143, 169
Decimal	9146537
CIELab	60.16, 3.56, -13.74
CIELCh	60, 14.193, 284.513
Yxy	28.3001, 0.2846, 0.2899
Android (android.graphics.Color)	4287336617 (0xFF8B90A9)
YUV	145.3550, 11.6570, -5.5733
Hunter-Lab	53.1978, 0.1242, -9.0523

Details

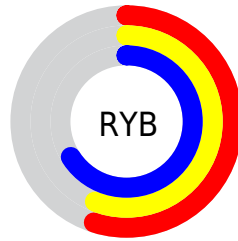
The XYZ color **27.7822, 28.3001, 41.5343** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2981, 36.8500, 29.7319**, and the grayscale version is **27.0160, 28.4230, 30.9526**.

A 20% lighter version of the original color is **55.6409, 57.1074, 78.6113**, and **11.3334, 11.4136, 18.4353** is the 20% darker color. If you saturate the color by 10%, you get **23.1741, 22.9538, 40.7457**, and if you desaturate by 10%, it is **33.0944, 34.4058, 42.4333**.

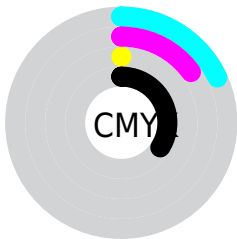
Distribution



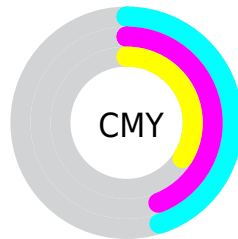
- Red (55%)
- Green (56%)
- Blue (66%)



- Red (55%)
- Yellow (56%)
- Blue (66%)



- Cyan (18%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)



- Cyan (45%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7822, 28.3001, 41.5343 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 27.7822, 28.3001, 41.5343 by changing the saturation by 10% instead.

■ 27.7822, 28.3001,
41.5343

■ 27.7822, 28.3001,
41.5343

283.5237,
293.8981, 368.2913

■ 18.3012, 18.5520,
28.4140

■ 55.5476, 56.9632,
78.7568

■ 11.2674, 11.3470,
18.3962

■ 74.5627, 76.6470,
103.6960

■ 6.3156, 6.3008,
11.0624

■ 97.4865, 100.4115,
133.4120

■ 3.0804, 3.0288,
5.9941

124.6843,
128.6411, 168.3232

■ 1.1964, 1.1468,
2.7728

156.5216,
161.7201, 208.8482

■ 0.1035, 0.0176,
0.9798

193.3637,

■ 0.0000, 0.0000,

200.0331, 255.4055

0.0000

235.5760,
243.9643, 308.4137

■ 27.7822, 28.3001,
41.5343

■ 27.7822, 28.3001,
41.5343

■ 23.1741, 22.9538,
40.7457

■ 33.0944, 34.4058,
42.4333

■ 19.2377, 18.3336,
40.0614

■ 39.1360, 41.2955,
43.4447

■ 15.9420, 14.4088,
39.4775

■ 45.9342, 48.9971,
44.5730

■ 13.2526, 11.1453,
38.9893

■ 53.5143, 57.5360,
45.8216

■ 11.1314, 8.5059,
38.5917

■ 61.9000, 66.9365,
47.1941

■ 9.5364, 6.4495,
38.2788

■ 71.1143, 77.2220,
48.6938

■ 8.4192, 4.9302,
38.0445

■ 80.3269, 87.9754,
50.2838

■ 7.7081, 3.8871,
37.8806

■ 84.1615, 95.6446,
51.5620

■ 7.5809, 3.7035,
37.8518

Harmonies

Analogous

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



25.9775, 28.3001, 41.4807



27.7822, 28.3001, 41.5343



29.4192, 28.3001, 38.5022

Triad

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



27.7822, 28.3001, 41.5343



29.4637, 28.3001, 24.3265



23.6744, 28.3001, 28.2223

Complementary

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



27.7822, 28.3001, 41.5343



34.2981, 36.8500, 29.7319

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.



24.5259, 28.3001, 24.2241



27.7822, 28.3001, 41.5343



27.8408, 28.3001, 22.1532

Square

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



27.7822, 28.3001, 41.5343



30.4192, 28.3001, 28.3773



26.0335, 28.3001, 22.1180



23.6603, 28.3001, 33.3864

Rectangle

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



27.7822, 28.3001, 41.5343



30.1722, 28.3001, 35.3165



26.0335, 28.3001, 22.1180



23.8704, 28.3001, 26.7114

Sweetspot

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



27.7831, 28.3013, 41.5349



62.0193, 64.7625, 76.4567



31.4918, 36.5278, 40.2770



13.3643, 13.9404, 16.6385



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.7831, 28.3013, 41.5349



46.6226, 47.0599, 73.8513



28.6981, 27.6732, 41.3655



7.2291, 7.4952, 9.4840



5.6777, 2.8157, 28.2197



0.1668, 0.1258, 0.6961

Inverse Universe

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



30.6296, 28.9146, 30.3536



52.6275, 48.4217, 50.2482



33.2462, 37.6627, 29.9442



7.5803, 7.5620, 8.1068



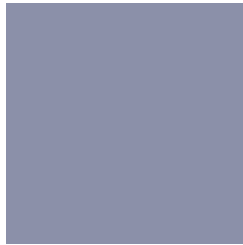
12.3665, 6.3553, 1.4754



0.3153, 0.1604, 0.1120

Previews

White Background



This preview shows how the XYZ color 27.7822, 28.3001, 41.5343 looks on a white background.

Color Contrast Check

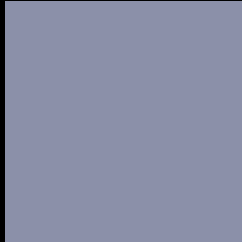
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7822, 28.3001, 41.5343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

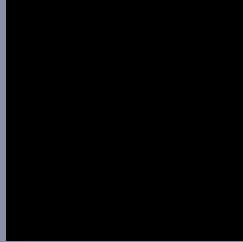
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7822, 28.3001, 41.5343

Background



This preview shows how black text looks on a background with the XYZ color 27.7822, 28.3001, 41.5343.



This preview shows how white text looks on a background with the XYZ color 27.7822, 28.3001,

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

27.7822, 28.3001, 41.5343

Protanopia

27.9499, 28.3865, 41.5421

Deuteranopia

28.8132, 28.1551, 41.9461



Tritanopia

26.7670, 28.3448, 36.4081

Trichromacy



Original Color

27.7822, 28.3001, 41.5343

Protanomaly

27.9499, 28.3865, 41.5421

Deuteranomaly

28.4303, 28.1776, 41.9706

Tritanomaly

27.1282, 28.2627, 38.2079

Monochromacy



Original Color

27.7822, 28.3001, 41.5343

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.2858, 28.4235, 34.6200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7822, 28.3001, 41.5343 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(139, 144, 169)` looks like.

```
.text, #text, p{  
    color:rgb(139, 144, 169)  
}
```

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(139, 144, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 144, 169) }
```

Border

The CSS property to change the border of an element to XYZ 27.7822, 28.3001, 41.5343 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(139, 144, 169) }
```


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

```
.border{ border-color:rgb(139, 144, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 144, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 144, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 144, 169);  
box-shadow:4px 4px 4px 4px rgb(139, 144,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7822, 28.3001, 41.5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 144, 169) }
```

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

```
.background{ background-color: rgb(139,  
144, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor