

Converting Colors

XYZ(27.2672, 27.2797, 42.0350)

Have a look what the booklet for
XYZ(27.2672, 27.2797, 42.0350)
contains.

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Color

**XYZ(27.2618, 27.3553,
41.8735)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8DAA
RGB	138, 141, 170
RGB Percent	54%, 55%, 67%
CMY	0.4588, 0.4470, 0.3333
CMYK	0.19, 0.17, 0.00, 0.33
HSL	234°, 16%, 60%
HSV	234°, 19%, 67%
XYZ	27.2618, 27.3553, 41.8735
YIQ	143.4090, -11.0970, 8.3830

Conversions

Conversions Part 2

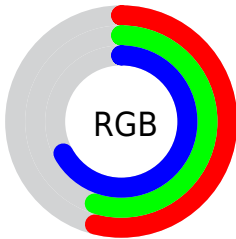
Format	Color
R_{YB}	138, 141, 170
Decimal	9080234
CIE _{Lab}	59.30, 5.17, -15.61
CIE _{LCh}	59, 16.444, 288.311
Yxy	27.3553, 0.2825, 0.2835
Android (android.graphics.Color)	4287270314 (0xFF8A8DAA)
YUV	143.4090, 13.1094, -4.7437
Hunter-Lab	52.3023, 1.5115, -10.8563

Details

The XYZ color **27.2618, 27.3553, 41.8735** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.9840, 38.0184, 29.5398**, and the grayscale version is **26.2249, 27.5907, 30.0463**.

A 20% lighter version of the original color is **54.8439, 55.6729, 79.0895**, and **11.0356, 10.8649, 18.6550** is the 20% darker color. If you saturate the color by 10%, you get **22.5507, 21.7864, 41.0473**, and if you desaturate by 10%, it is **32.7309, 33.7854, 42.8268**.

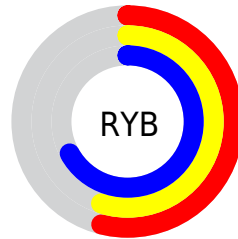
Distribution



Red (54%)

Green (55%)

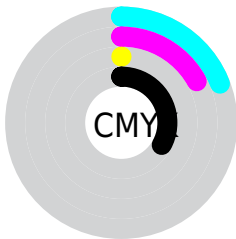
Blue (67%)



Red (54%)

Yellow (55%)

Blue (67%)

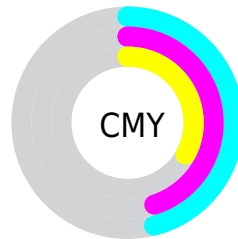


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (33%)



Cyan (46%)

Magenta (45%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2618, 27.3553, 41.8735 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 27.2618, 27.3553, 41.8735 by changing the saturation by 10% instead.

■ 27.2618, 27.3553,
41.8735

■ 27.2618, 27.3553,
41.8735

281.0670,
289.3733, 369.7425

■ 17.9075, 17.8402,
28.6774

■ 54.7206, 55.4535,
79.2762

■ 10.9829, 10.8354,
18.5935

■ 73.5559, 74.8054,
104.3198

■ 6.1226, 5.9562,
11.2031

■ 96.2822, 98.2051,
134.1498

■ 2.9611, 2.8185,
6.0877

123.2649,
126.0369, 169.1845

■ 1.1332, 1.0377,
2.8288

154.8694,
158.6852, 209.8426

■ 0.0526, 0.0000,
1.0079

191.4610,

■ 0.0000, 0.0000,

196.5345, 256.5426

0.0000

233.4051,
239.9690, 309.7030

■ 27.2618, 27.3553,
41.8735

■ 27.2618, 27.3553,
41.8735

■ 22.5507, 21.7864,
41.0473

■ 32.7309, 33.7854,
42.8268

■ 18.5616, 17.0388,
40.3412

■ 38.9867, 41.1076,
43.9104

■ 15.2594, 13.0746,
39.7501

■ 46.0595, 49.3554,
45.1296

■ 12.6052, 9.8516,
39.2679

■ 53.9775, 58.5595,
46.4889

■ 10.5561, 7.3233,
38.8879

■ 62.7673, 68.7494,
47.9925

■ 9.0638, 5.4382,
38.6027

■ 72.4543, 79.9532,
49.6444

■ 8.0728, 4.1376,
38.4039

■ 82.3226, 91.8160,
51.4141

■ 7.4933, 3.3401,
38.2805

■ 84.2558, 95.6823,
52.0585

■ 7.4403, 3.2713,
38.2700

Harmonies

Analogous

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



25.2080, 27.3553, 42.2996



27.2618, 27.3553, 41.8735



29.0645, 27.3553, 37.9643

Triad

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



27.2618, 27.3553, 41.8735



28.7182, 27.3553, 22.1079



22.3194, 27.3553, 27.5507

Complementary

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



27.2618, 27.3553, 41.8735



34.9840, 38.0184, 29.5398

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.



23.1596, 27.3553, 22.8744



27.2618, 27.3553, 41.8735



26.8093, 27.3553, 20.0202

Square

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



27.2618, 27.3553, 41.8735



29.9354, 27.3553, 26.3692



24.7785, 27.3553, 20.2810



22.4263, 27.3553, 33.4843

Rectangle

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



27.2618, 27.3553, 41.8735



29.8480, 27.3553, 34.1667



24.7785, 27.3553, 20.2810



22.4986, 27.3553, 25.7954

Sweetspot

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



27.2626, 27.3564, 41.8741



62.3231, 64.7424, 78.2136



31.8131, 36.9359, 41.9155



13.7450, 14.2581, 17.4153



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.2626, 27.3564, 41.8741



45.3702, 44.8023, 75.2583



29.0702, 27.6401, 41.8336



7.1863, 7.4095, 9.4698



5.4927, 2.4456, 28.1580



0.1506, 0.0935, 0.6908

Inverse Universe

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



30.4745, 28.6468, 29.1237



52.4060, 47.6847, 47.3145



32.9064, 37.7732, 29.6020



7.5586, 7.5533, 7.9930



12.2731, 6.3179, 0.9836



0.3072, 0.1571, 0.0691

Previews

White Background



This preview shows how the XYZ color 27.2618, 27.3553, 41.8735 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 27.2618, 27.3553, 41.8735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

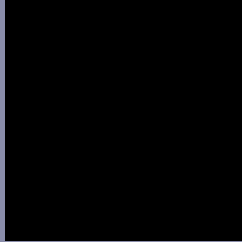
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2618, 27.3553, 41.8735

Background



This preview shows how black text looks on a background with the XYZ color 27.2618, 27.3553, 41.8735.



This preview shows how white text looks on a background with the XYZ color 27.2618, 27.3553,

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

27.2618, 27.3553, 41.8735

Protanopia

27.0971, 27.2704, 41.8658

Deuteranopia

27.8160, 27.2072, 41.8157



Tritanopia

25.8813, 27.4640, 34.9473

Trichromacy



Original Color

27.2618, 27.3553, 41.8735

Protanomaly

27.0971, 27.2704, 41.8658

Deuteranomaly

27.6183, 27.3212, 41.8481

Tritanomaly

26.3210, 27.4172, 37.1625

Monochromacy



Original Color

27.2618, 27.3553, 41.8735

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.4073, 27.3086, 34.0163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2618, 27.3553, 41.8735 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(138, 141, 170)` looks like.

```
.text, #text, p{  
    color:rgb(138, 141, 170)  
}
```

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(138, 141, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 141, 170) }
```

Border

The CSS property to change the border of an element to XYZ 27.2618, 27.3553, 41.8735 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(138, 141, 170) }
```


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

```
.border{ border-color:rgb(138, 141, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 141, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 141, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 141, 170);  
box-shadow:4px 4px 4px 4px rgb(138, 141,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2618, 27.3553, 41.8735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 141, 170) }
```

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

```
.background{ background-color: rgb(138,  
141, 170) }
```

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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