

Converting Colors

XYZ(27.4788, 27.0277, 42.8016)

Have a look what the booklet for
XYZ(27.4788, 27.0277, 42.8016)
contains.

XYZ(27.4942, 27.0192, 42.7959)	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(27.4942, 27.0192,
42.7959)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8BAC
RGB	140, 139, 172
RGB Percent	55%, 55%, 67%
CMY	0.4510, 0.4549, 0.3255
CMYK	0.19, 0.19, 0.00, 0.33
HSL	242°, 17%, 61%
HSV	242°, 19%, 67%
XYZ	27.4942, 27.0192, 42.7959
YIQ	143.0610, -9.9970, 10.4750

Conversions

Conversions Part 2

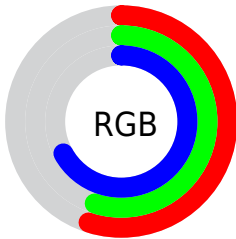
Format	Color
R_{YB}	140, 139, 172
Decimal	9210796
CIE _{Lab}	58.99, 7.44, -17.21
CIE _{LCh}	59, 18.743, 293.372
Yxy	27.0192, 0.2825, 0.2777
Android (android.graphics.Color)	4287400876 (0xFF8C8BAC)
YUV	143.0610, 14.2669, -2.6845
Hunter-Lab	51.9800, 3.4505, -12.4283

Details

The XYZ color **27.4942, 27.0192, 42.7959** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **36.2082, 40.0278, 30.2450**, and the grayscale version is **26.0811, 27.4394, 29.8815**.

A 20% lighter version of the original color is **54.9629, 54.7147, 80.3372**, and **11.0824, 10.6247, 19.2360** is the 20% darker color. If you saturate the color by 10%, you get **22.5964, 21.0841, 41.9089**, and if you desaturate by 10%, it is **33.2116, 33.9598, 43.8347**.

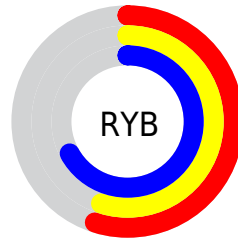
Distribution



Red (55%)

Green (55%)

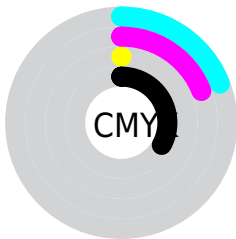
Blue (67%)



Red (55%)

Yellow (55%)

Blue (67%)

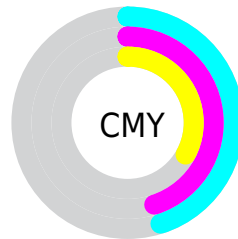


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (33%)



Cyan (45%)

Magenta (45%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4942, 27.0192, 42.7959 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 27.4942, 27.0192, 42.7959 by changing the saturation by 10% instead.

■ 27.4942, 27.0192,
42.7959

■ 27.4942, 27.0192,
42.7959

282.1662,
287.7501, 373.6683

■ 18.0832, 17.5876,
29.3948

■ 55.0902, 54.9147,
80.6858

■ 11.1098, 10.6543,
19.1315

■ 74.0059, 74.1474,
106.0117

■ 6.2086, 5.8349,
11.5876

■ 96.8206, 97.4159,
136.1496

■ 3.0142, 2.7450,
6.3444

123.8997,
125.1047, 171.5181

■ 1.1613, 1.0001,
2.9835

155.6084,
157.5981, 212.5356

■ 0.0755, 0.0000,
1.0862

192.3121,

■ 0.0000, 0.0000,

195.2806, 259.6208

0.0000

234.3763,
238.5364, 313.1922

■ 27.4942, 27.0192,
42.7959

■ 27.4942, 27.0192,
42.7959

■ 22.5964, 21.0841,
41.9089

■ 33.2116, 33.9598,
43.8347

■ 18.4782, 16.1047,
41.1648

■ 39.7810, 41.9460,
45.0299

■ 15.1002, 12.0322,
40.5568

■ 47.2362, 51.0198,
46.3884

■ 12.4185, 8.8119,
40.0765

■ 55.6084, 61.2196,
47.9159

■ 10.3846, 6.3833,
39.7150

■ 64.9273, 72.5824,
49.6180

■ 8.9435, 4.6780,
39.4618

■ 75.2213, 85.1432,
51.4999

■ 8.0317, 3.6161,
39.3049

■ 84.4465, 95.7586,
53.0627

■ 7.5439, 3.0514,
39.2216

■ 7.5116, 3.0122,
39.2157

Harmonies

Analogous

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



25.1687, 27.0192, 44.0458



27.4942, 27.0192, 42.7959



29.4355, 27.0192, 37.7318

Triad

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



27.4942, 27.0192, 42.7959



28.4395, 27.0192, 20.2999



21.4941, 27.0192, 27.9671

Complementary

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



27.4942, 27.0192, 42.7959



36.2082, 40.0278, 30.2450

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.



22.2600, 27.0192, 22.4272



27.4942, 27.0192, 42.7959



26.2001, 27.0192, 18.4528

Square

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



27.4942, 27.0192, 42.7959



30.0039, 27.0192, 24.6302



23.9492, 27.0192, 19.1684



21.7945, 27.0192, 34.7922

Rectangle

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



27.4942, 27.0192, 42.7959



30.2037, 27.0192, 33.2345



23.9492, 27.0192, 19.1684



21.6338, 27.0192, 25.9079

Sweetspot

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



27.4950, 27.0203, 42.7965



63.7497, 65.8600, 80.1580



32.7427, 37.7643, 44.5937



13.6979, 14.1229, 17.3917



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.



27.4950, 27.0203, 42.7965



45.9455, 44.2484, 76.9250



30.3999, 28.5178, 42.9325



7.6005, 7.7683, 10.0515



5.5983, 2.2459, 29.1830



0.1628, 0.0661, 0.8122

Inverse Universe

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



33.5974, 30.1772, 42.5832



59.0650, 51.0362, 76.4355



32.9215, 38.3334, 30.0912



8.3265, 8.1438, 10.0299



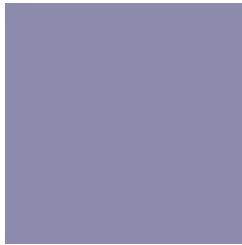
17.8409, 8.5989, 27.8715



0.4995, 0.2405, 0.7921

Previews

White Background



This preview shows how the XYZ color 27.4942, 27.0192, 42.7959 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 27.4942, 27.0192, 42.7959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

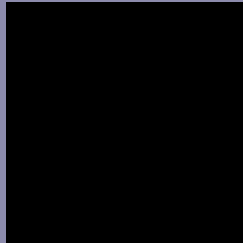
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4942, 27.0192, 42.7959

Background



This preview shows how black text looks on a background with the XYZ color 27.4942, 27.0192, 42.7959.



This preview shows how white text looks on a background with the XYZ color 27.4942, 27.0192,

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

27.4942, 27.0192, 42.7959

Protanopia

27.0594, 27.2178, 43.3625

Deuteranopia

27.6635, 27.1065, 42.8038



Tritanopia

25.8223, 26.9975, 34.4219

Trichromacy



Original Color

27.4942, 27.0192, 42.7959

Protanomaly

27.2374, 27.0917, 43.3288

Deuteranomaly

27.6635, 27.1065, 42.8038

Tritanomaly

26.4391, 27.0262, 37.5413

Monochromacy



Original Color

27.4942, 27.0192, 42.7959

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.6611, 27.4299, 34.4612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4942, 27.0192, 42.7959 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(140, 139, 172)` looks like.

```
.text, #text, p{  
    color:rgb(140, 139, 172)  
}
```

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(140, 139, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 139, 172) }
```

Border

The CSS property to change the border of an element to XYZ 27.4942, 27.0192, 42.7959 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(140, 139, 172) }
```


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

```
.border{ border-color:rgb(140, 139, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 139, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 139, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 139, 172);  
box-shadow:4px 4px 4px 4px rgb(140, 139,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4942, 27.0192, 42.7959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 139, 172) }
```

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

```
.background{ background-color: rgb(140,  
139, 172) }
```

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