

Converting Colors

XYZ(27.1004, 26.3443, 44.7451)

Have a look what the booklet for
XYZ(27.1004, 26.3443, 44.7451)
contains.

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Color

**XYZ(27.0987, 26.3443,
44.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	8989B0
RGB	137, 137, 176
RGB Percent	54%, 54%, 69%
CMY	0.4627, 0.4627, 0.3098
CMYK	0.22, 0.22, 0.00, 0.31
HSL	240°, 20%, 61%
HSV	240°, 22%, 69%
XYZ	27.0987, 26.3443, 44.7310
YIQ	141.4460, -12.5190, 12.1290

Conversions

Conversions Part 2

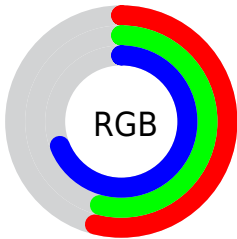
Format	Color
RYB	137, 137, 176
Decimal	9013680
CIELab	58.36, 8.56, -20.47
CIELCh	58, 22.183, 292.688
Yxy	26.3443, 0.2760, 0.2683
Android (android.graphics.Color)	4287203760 (0xFF8989B0)
YUV	141.4460, 17.0351, -3.8991
Hunter-Lab	51.3267, 4.4200, -15.7423

Details

The XYZ color **27.0987, 26.3443, 44.7310** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.9455, 42.0871, 29.7914**, and the grayscale version is **25.4319, 26.7564, 29.1377**.

A 20% lighter version of the original color is **54.4648, 53.7295, 83.8442**, and **10.8211, 10.2249, 20.1422** is the 20% darker color. If you saturate the color by 10%, you get **22.1446, 20.3749, 43.8403**, and if you desaturate by 10%, it is **32.9333, 33.3746, 45.7809**.

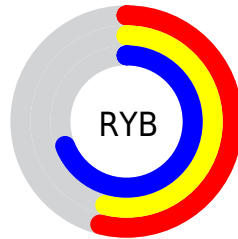
Distribution



Red (54%)

Green (54%)

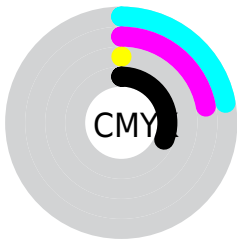
Blue (69%)



Red (54%)

Yellow (54%)

Blue (69%)

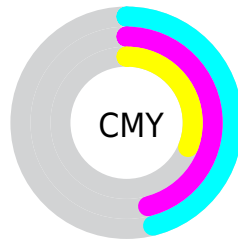


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (31%)



Cyan (46%)

Magenta (46%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0987, 26.3443, 44.7310 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 27.0987, 26.3443, 44.7310 by changing the saturation by 10% instead.

■ 27.0987, 26.3443,
44.7310

■ 27.0987, 26.3443,
44.7310

280.2935,
284.4682, 381.8113

■ 17.7843, 17.0814,
30.9042

■ 54.4610, 53.8299,
83.6308

■ 10.8940, 10.2925,
20.2681

■ 73.2396, 72.8213,
109.5408

■ 6.0624, 5.5933,
12.4040

■ 95.9037, 95.8244,
140.3157

■ 2.9241, 2.5994,
6.8936

122.8186,
123.2235, 176.3739

■ 1.1137, 0.9264,
3.3182

154.3497,
155.4030, 218.1341

■ 0.0366, 0.0000,
1.2593

190.8623,

■ 0.0000, 0.0000,

192.7474, 266.0146

0.0281

232.7218,
235.6410, 320.4342

■ 0.0000, 0.0000,
0.0000

■ 27.0987, 26.3443,
44.7310

■ 27.0987, 26.3443,
44.7310

■ 22.1446, 20.3749,
43.8403

■ 32.9333, 33.3746,
45.7809

■ 18.0257, 15.4120,
43.0995

■ 39.6854, 41.5104,
46.9954

■ 14.6970, 11.4011,
42.5008

■ 47.3931, 50.7976,
48.3818

■ 12.1078, 8.2813,
42.0350

■ 56.0916, 61.2787,
49.9464

■ 10.2018, 5.9846,
41.6922

■ 65.8144, 72.9939,
51.6952

■ 8.9144, 4.4335,
41.4606

■ 76.5931, 85.9815,
53.6339

■ 8.1690, 3.5353,
41.3266

■ 84.8366, 95.9146,
55.1167

■ 7.8366, 3.1347,
41.2668

Harmonies

Analogous

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



24.3836, 26.3443, 46.1318



27.0987, 26.3443, 44.7310



29.4061, 26.3443, 38.6893

Triad

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



27.0987, 26.3443, 44.7310



28.3248, 26.3443, 18.3974



20.2288, 26.3443, 26.8308

Complementary

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



27.0987, 26.3443, 44.7310



37.9455, 42.0871, 29.7914

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.



21.1280, 26.3443, 20.5728



27.0987, 26.3443, 44.7310



25.7070, 26.3443, 16.3059

Square

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



27.0987, 26.3443, 44.7310



30.1488, 26.3443, 23.3164



23.0873, 26.3443, 17.0237



20.5427, 26.3443, 34.8191

Rectangle

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



27.0987, 26.3443, 44.7310



30.3379, 26.3443, 33.3472



23.0873, 26.3443, 17.0237



20.3969, 26.3443, 24.4780

Sweetspot

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



27.0995, 26.3454, 44.7316



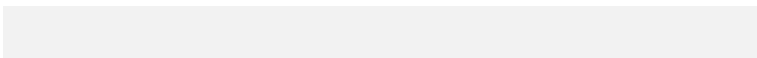
65.6836, 67.7042, 84.1016



33.6148, 39.4785, 46.5868



14.0829, 14.4896, 18.1989



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.



27.0995, 26.3454, 44.7316



44.1796, 41.7934, 80.2337



30.4641, 28.0797, 44.8890



8.0420, 8.2302, 10.6711



5.7498, 2.3000, 30.2779



0.1809, 0.0724, 0.9527

Inverse Universe

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



31.3662, 28.9284, 27.5986



53.4146, 47.3842, 43.1505



33.9752, 40.0406, 29.6057



8.4964, 8.5053, 8.8464



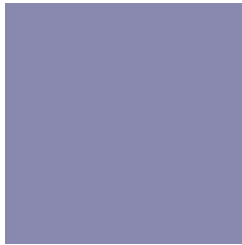
13.1369, 6.7723, 0.6149



0.4133, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 27.0987, 26.3443, 44.7310 looks on a white background.

Color Contrast Check

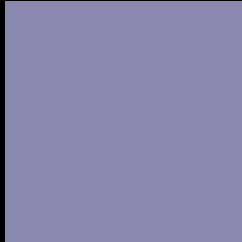
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0987, 26.3443, 44.7310 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 27.0987, 26.3443, 44.7310

Background



This preview shows how black text looks on a background with the XYZ color 27.0987, 26.3443, 44.7310.



This preview shows how white text looks on a background with the XYZ color 27.0987, 26.3443,

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

27.0987, 26.3443, 44.7310

Protanopia

26.5285, 26.4649, 45.3050

Deuteranopia

26.7738, 26.1768, 44.7158



Tritanopia

24.8652, 26.3033, 33.4723

Trichromacy



Original Color

27.0987, 26.3443, 44.7310

Protanomaly

26.6972, 26.3378, 45.2716

Deuteranomaly

26.9355, 26.2601, 44.7234

Tritanomaly

25.6426, 26.3977, 37.4620

Monochromacy



Original Color

27.0987, 26.3443, 44.7310

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0260, 26.6647, 34.3469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0987, 26.3443, 44.7310 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, 137, 176)` looks like.

```
.text, #text, p{  
    color:rgb(137, 137, 176)  
}
```

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, 137, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 137, 176) }
```

Border

The CSS property to change the border of an element to XYZ 27.0987, 26.3443, 44.7310 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, 137, 176) }
```


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

```
.border{ border-color:rgb(137, 137, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 137, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 137, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 137, 176);  
box-shadow:4px 4px 4px 4px rgb(137, 137,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0987, 26.3443, 44.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 137, 176) }
```

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

```
.background{ background-color: rgb(137,  
137, 176) }
```

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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