

Converting Colors

XYZ(27.3835, 26.2505, 41.3503)

Have a look what the booklet for
XYZ(27.3835, 26.2505, 41.3503)
contains.

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Color

**XYZ(27.4672, 26.4022,
41.1846)**

Conversions

Conversions Part 1

Format	Color
Hex	9088A9
RGB	144, 136, 169
RGB Percent	56%, 53%, 66%
CMY	0.4353, 0.4667, 0.3373
CMYK	0.15, 0.20, 0.00, 0.34
HSL	255°, 16%, 60%
HSV	255°, 20%, 66%
XYZ	27.4672, 26.4022, 41.1846
YIQ	142.1540, -5.8250, 11.9590

Conversions

Conversions Part 2

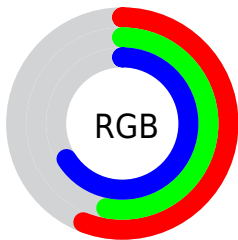
Format	Color
RYB	144, 136, 169
Decimal	9472169
CIELab	58.42, 9.81, -16.34
CIELCh	58, 19.053, 300.978
Yxy	26.4022, 0.2890, 0.2778
Android (android.graphics.Color)	4287662249 (0xFF9088A9)
YUV	142.1540, 13.2351, 1.6189
Hunter-Lab	51.3831, 5.4981, -11.5540

Details

The XYZ color **27.4672, 26.4022, 41.1846** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **33.3308, 37.7313, 28.8199**, and the grayscale version is **25.7237, 27.0633, 29.4720**.

A 20% lighter version of the original color is **54.9408, 53.7828, 78.0064**, and **11.0529, 10.2671, 18.2288** is the 20% darker color. If you saturate the color by 10%, you get **23.1614, 20.9240, 40.3546**, and if you desaturate by 10%, it is **32.4036, 32.7640, 42.1528**.

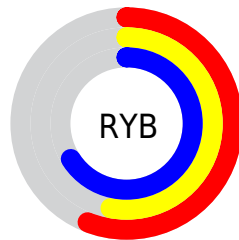
Distribution



Red (56%)

Green (53%)

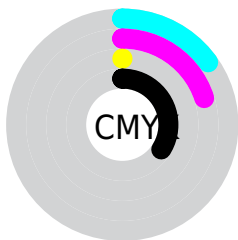
Blue (66%)



Red (56%)

Yellow (53%)

Blue (66%)

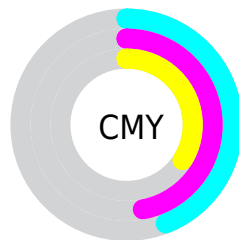


Cyan (15%)

Magenta (20%)

Yellow (0%)

Black (34%)



Cyan (44%)

Magenta (47%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4672, 26.4022, 41.1846 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 27.4672, 26.4022, 41.1846 by changing the saturation by 10% instead.

■ 27.4672, 26.4022,
41.1846

■ 27.4672, 26.4022,
41.1846

282.0386,
284.7509, 366.7910

■ 18.0628, 17.1248,
28.1426

■ 55.0473, 53.9231,
78.2208

■ 11.0951, 10.3235,
18.1932

■ 73.9537, 72.9353,
103.0520

■ 6.1986, 5.6140,
10.9179

■ 96.7581, 95.9613,
132.6500

■ 3.0080, 2.6118,
5.8982

123.8260,
123.3854, 167.4333

■ 1.1580, 0.9326,
2.7155

155.5226,
155.5920, 207.8206

■ 0.0728, 0.0000,
0.9512

192.2134,

■ 0.0000, 0.0000,

192.9655, 254.2302

0.0000

234.2636,
235.8904, 307.0809

■ 27.4672, 26.4022,
41.1846

■ 27.4672, 26.4022,
41.1846

■ 23.1614, 20.9240,
40.3546

■ 32.4036, 32.7640,
42.1528

■ 19.4577, 16.2865,
39.6546

■ 37.9926, 40.0430,
43.2632

■ 16.3292, 12.4486,
39.0787

■ 44.2580, 48.2750,
44.5219

■ 13.7458, 9.3638,
38.6195

■ 51.2219, 57.4931,
45.9342

■ 11.6743, 6.9812,
38.2688

■ 58.9052, 67.7286,
47.5049

■ 10.0780, 5.2431,
38.0174

■ 67.3279, 79.0116,
49.2388

■ 8.9146, 4.0824,
37.8547

■ 76.5093, 91.3707,
51.1404

■ 8.1077, 3.3653,
37.7588

■ 81.0789, 94.0555,
51.4178

■ 8.0745, 3.3353,
37.7548

■ 84.1615, 95.6446,
51.5620

Harmonies

Analogous

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



25.1709, 26.4022, 43.5474



27.4672, 26.4022, 41.1846



29.2113, 26.4022, 35.4189

Triad

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



27.4672, 26.4022, 41.1846



27.3270, 26.4022, 18.9402



20.8837, 26.4022, 28.9667

Complementary

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



27.4672, 26.4022, 41.1846



33.3308, 37.7313, 28.8199

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.



21.3839, 26.4022, 22.9713



27.4672, 26.4022, 41.1846



25.0182, 26.4022, 17.7499

Square

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



27.4672, 26.4022, 41.1846



29.1269, 26.4022, 22.6468



22.8625, 26.4022, 19.1062



21.4526, 26.4022, 35.8558

Rectangle

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



27.4672, 26.4022, 41.1846



29.7750, 26.4022, 30.8029



22.8625, 26.4022, 19.1062



20.9322, 26.4022, 26.7857

Sweetspot

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



27.4680, 26.4033, 41.1852



61.3196, 62.9450, 76.1428



30.1130, 33.6944, 42.4531



13.2341, 13.5491, 16.5699



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.



27.4680, 26.4033, 41.1852



46.0643, 43.2888, 73.1528



30.5037, 27.9682, 41.3273



7.2958, 7.3851, 9.4593



6.0597, 2.5073, 28.1401



0.1918, 0.0839, 0.6867

Inverse Universe

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



31.6003, 28.6177, 37.5777



54.7374, 47.9395, 65.4473



30.2746, 36.1558, 28.6769



7.7630, 7.6351, 9.0692



15.1221, 7.4576, 15.9864



0.3862, 0.1888, 0.4852

Previews

White Background



This preview shows how the XYZ color 27.4672, 26.4022, 41.1846 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 27.4672, 26.4022, 41.1846 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 27.4672, 26.4022, 41.1846

Background



This preview shows how black text looks on a background with the XYZ color 27.4672, 26.4022, 41.1846.



This preview shows how white text looks on a background with the XYZ color 27.4672, 26.4022,

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

27.4672, 26.4022, 41.1846

Protanopia

26.2562, 26.3921, 42.2384

Deuteranopia

26.9223, 26.3313, 41.1996



Tritanopia

25.7221, 26.3300, 32.5807

Trichromacy



Original Color

27.4672, 26.4022, 41.1846

Protanomaly

26.6607, 26.3976, 41.7203

Deuteranomaly

27.0916, 26.4186, 41.2075

Tritanomaly

26.3296, 26.3621, 35.5990

Monochromacy



Original Color

27.4672, 26.4022, 41.1846

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.3733, 26.8628, 33.5008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4672, 26.4022, 41.1846 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(144, 136, 169)` looks like.

```
.text, #text, p{  
    color:rgb(144, 136, 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(144, 136, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 136, 169) }
```

Border

The CSS property to change the border of an element to XYZ 27.4672, 26.4022, 41.1846 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(144, 136, 169) }
```


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

```
.border{ border-color:rgb(144, 136, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 136, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 136, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 136, 169);  
box-shadow:4px 4px 4px 4px rgb(144, 136,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4672, 26.4022, 41.1846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 136, 169) }
```

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

```
.background{ background-color: rgb(144,  
136, 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](#).

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