

Converting Colors

XYZ(26.8397, 27.1486, 41.3617)

Have a look what the booklet for
XYZ(26.8397, 27.1486, 41.3617)
contains.

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Color

**XYZ(26.8397, 27.1486,
41.3617)**

Conversions

Conversions Part 1

Format	Color
Hex	888DA9
RGB	136, 141, 169
RGB Percent	53%, 55%, 66%
CMY	0.4667, 0.4470, 0.3373
CMYK	0.20, 0.17, 0.00, 0.34
HSL	231°, 16%, 60%
HSV	231°, 20%, 66%
XYZ	26.8397, 27.1486, 41.3617
YIQ	142.6970, -11.9680, 7.6480

Conversions

Conversions Part 2

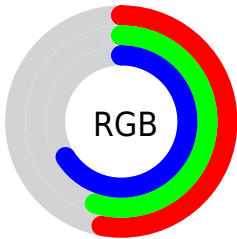
Format	Color
R_{YB}	136, 140, 169
Decimal	8949161
CIE _{Lab}	59.11, 4.28, -15.34
CIE _{LCh}	59, 15.929, 285.569
Yxy	27.1486, 0.2815, 0.2847
Android (android.graphics.Color)	4287139241 (0xFF888DA9)
YUV	142.6970, 12.9674, -5.8733
Hunter-Lab	52.1043, 0.7654, -10.5928

Details

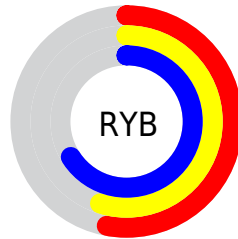
The XYZ color **26.8397, 27.1486, 41.3617** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.0819, 36.7636, 28.5931**, and the grayscale version is **25.9418, 27.2928, 29.7219**.

A 20% lighter version of the original color is **54.2049, 55.3592, 78.3495**, and **10.7897, 10.7450, 18.3349** is the 20% darker color. If you saturate the color by 10%, you get **22.3294, 21.8860, 40.5841**, and if you desaturate by 10%, it is **32.0583, 33.1841, 42.2521**.

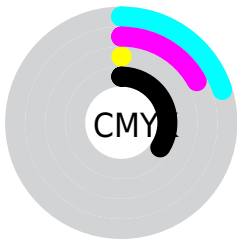
Distribution



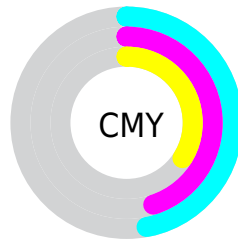
- Red (53%)
- Green (55%)
- Blue (66%)



- Red (53%)
- Yellow (55%)
- Blue (66%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)
- Black (34%)



- Cyan (47%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8397, 27.1486, 41.3617 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 26.8397, 27.1486, 41.3617 by changing the saturation by 10% instead.

■ 26.8397, 27.1486,
41.3617

■ 26.8397, 27.1486,
41.3617

279.0619,
288.3759, 367.5514

■ 17.5888, 17.6849,
28.2800

■ 54.0482, 55.1222,
78.4923

■ 10.7531, 10.7240,
18.2959

■ 72.7366, 74.4009,
103.3783

■ 5.9671, 5.8815,
10.9910

■ 95.3015, 97.7200,
133.0360

■ 2.8656, 2.7732,
5.9467

122.1084,
125.4640, 167.8842

■ 1.0831, 1.0145,
2.7444

153.5225,
158.0171, 208.3413

■ 0.0109, 0.0000,
0.9657

189.9092,

■ 0.0000, 0.0000,

195.7639, 254.8258

0.0000

231.6339,
239.0887, 307.7563

■ 26.8397, 27.1486,
41.3617

■ 26.8397, 27.1486,
41.3617

■ 22.3294, 21.8860,
40.5841

■ 32.0583, 33.1841,
42.2521

■ 18.4941, 17.3615,
39.9129

■ 38.0113, 40.0186,
43.2575

■ 15.3017, 13.5429,
39.3441

■ 44.7269, 47.6810,
44.3825

■ 12.7166, 10.3942,
38.8726

■ 52.2306, 56.1981,
45.6310

■ 10.6994, 7.8759,
38.4928

■ 60.5472, 65.5951,
47.0065

■ 9.2060, 5.9446,
38.1987

■ 69.7001, 75.8964,
48.5124

■ 8.1857, 4.5508,
37.9835

■ 79.7118, 87.1254,
50.1522

■ 7.5475, 3.6216,
37.8378

■ 84.1615, 95.6446,
51.5620

■ 7.5224, 3.5864,
37.8323

Harmonies

Analogous

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



24.8664, 27.1486, 41.4319



26.8397, 27.1486, 41.3617



28.6203, 27.1486, 37.8724

Triad

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



26.8397, 27.1486, 41.3617



28.5630, 27.1486, 22.4353



22.2884, 27.1486, 26.9243

Complementary

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



26.8397, 27.1486, 41.3617



34.0819, 36.7636, 28.5931

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.



23.1787, 27.1486, 22.5630



26.8397, 27.1486, 41.3617



26.7648, 27.1486, 20.2051

Square

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



26.8397, 27.1486, 41.3617



29.6494, 27.1486, 26.7283



24.7952, 27.1486, 20.2487



22.3062, 27.1486, 32.5855

Rectangle

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



26.8397, 27.1486, 41.3617



29.4292, 27.1486, 34.3050



24.7952, 27.1486, 20.2487



22.4894, 27.1486, 25.2745

Sweetspot

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



26.8405, 27.1497, 41.3623



60.9078, 63.4506, 76.2621



30.9977, 36.2730, 40.2538



13.1360, 13.6694, 16.5983



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.



26.8405, 27.1497, 41.3623



44.7827, 44.7991, 73.5119



27.9989, 26.6767, 41.2100



7.2202, 7.4773, 9.4811



5.6323, 2.7248, 28.2046



0.1634, 0.1191, 0.6950

Inverse Universe

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



29.9748, 27.9672, 29.0189



51.3525, 46.5855, 47.6222



32.7330, 37.4231, 28.7915



7.5757, 7.5602, 8.0831



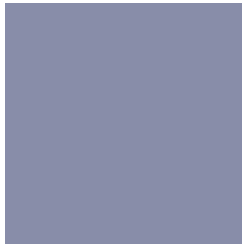
12.3435, 6.3461, 1.3545



0.3136, 0.1597, 0.1031

Previews

White Background



This preview shows how the XYZ color 26.8397, 27.1486, 41.3617 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 26.8397, 27.1486, 41.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

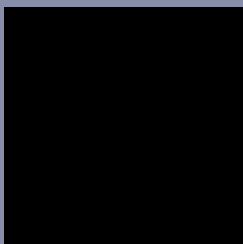
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

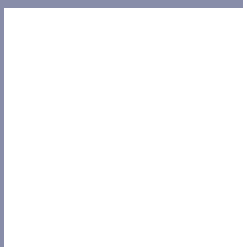
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8397, 27.1486, 41.3617

Background



This preview shows how black text looks on a background with the XYZ color 26.8397, 27.1486, 41.3617.



This preview shows how white text looks on a background with the XYZ color 26.8397, 27.1486,

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

26.8397, 27.1486, 41.3617

Protanopia

26.8397, 27.1486, 41.3617

Deuteranopia

27.7217, 27.1695, 41.3193



Tritanopia

25.4117, 26.9980, 34.8821

Trichromacy



Original Color

26.8397, 27.1486, 41.3617

Protanomaly

26.8397, 27.1486, 41.3617

Deuteranomaly

27.3547, 27.1962, 41.3438

Tritanomaly

25.8497, 26.9524, 37.0976

Monochromacy



Original Color

26.8397, 27.1486, 41.3617

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.1557, 27.1884, 33.5751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8397, 27.1486, 41.3617 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(136, 141, 169)` looks like.

```
.text, #text, p{  
    color:rgb(136, 141, 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(136, 141, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 141, 169) }
```

Border

The CSS property to change the border of an element to XYZ 26.8397, 27.1486, 41.3617 is called "border". The border property can be set on classes, ids or directly on the HTML element.

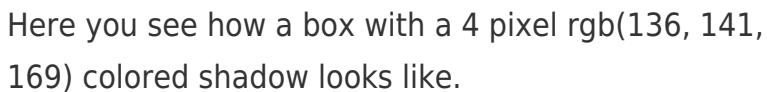
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 141, 169) }
```


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

```
.border{ border-color:rgb(136, 141, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 141, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 141, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 141, 169); box-shadow:4px 4px 4px 4px rgb(136, 141, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8397, 27.1486, 41.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 141, 169) }
```

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

```
.background{ background-color: rgb(136,  
141, 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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