

Converting Colors

XYZ(26.0473, 27.1446, 41.7841)

Have a look what the booklet for
XYZ(26.0473, 27.1446, 41.7841)
contains.

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Color

**XYZ(26.1314, 27.2143,
41.9058)**

Conversions

Conversions Part 1

Format	Color
Hex	818FAA
RGB	129, 143, 170
RGB Percent	51%, 56%, 67%
CMY	0.4941, 0.4392, 0.3333
CMYK	0.24, 0.16, 0.00, 0.33
HSL	220°, 19%, 59%
HSV	220°, 24%, 67%
XYZ	26.1314, 27.2143, 41.9058
YIQ	141.8920, -17.0110, 5.4290

Conversions

Conversions Part 2

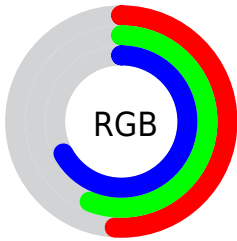
Format	Color
R_{YB}	129, 139, 170
Decimal	8490922
CIE _{Lab}	59.17, 1.10, -15.87
CIE _{LCh}	59, 15.910, 273.975
Yxy	27.2143, 0.2743, 0.2857
Android (android.graphics.Color)	4286681002 (0xFF818FAA)
YUV	141.8920, 13.8572, -11.3063
Hunter-Lab	52.1673, -1.8795, -11.1103

Details

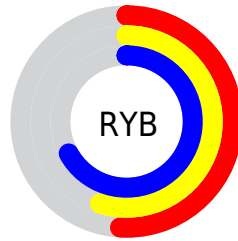
The XYZ color **26.1314, 27.2143, 41.9058** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **32.4288, 33.9081, 25.6053**, and the grayscale version is **25.6209, 26.9552, 29.3542**.

A 20% lighter version of the original color is **52.8483, 55.3138, 79.1254**, and **10.4088, 10.7990, 18.6753** is the 20% darker color. If you saturate the color by 10%, you get **22.1634, 22.7978, 41.2629**, and if you desaturate by 10%, it is **30.6985, 32.1900, 42.6259**.

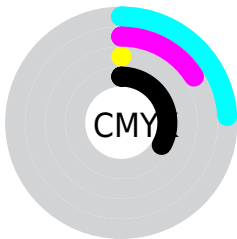
Distribution



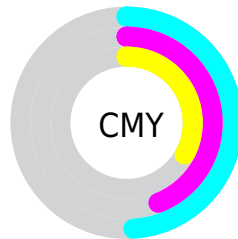
- Red (51%)
- Green (56%)
- Blue (67%)



- Red (51%)
- Yellow (55%)
- Blue (67%)



- Cyan (24%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (49%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1314, 27.2143, 41.9058 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 26.1314, 27.2143, 41.9058 by changing the saturation by 10% instead.

■ 26.1314, 27.2143,
41.9058

■ 26.1314, 27.2143,
41.9058

275.6714,
288.6932, 369.8804

■ 17.0552, 17.7342,
28.7025

■ 52.9166, 55.2276,
79.3256

■ 10.3694, 10.7594,
18.6123

■ 71.3564, 74.5295,
104.3792

■ 5.7087, 5.9053,
11.2165

■ 93.6479, 97.8743,
134.2199

■ 2.7077, 2.7876,
6.0966

120.1568,
125.6462, 169.2664

■ 1.0012, 1.0219,
2.8342

151.2482,
158.2296, 209.9372

■ 0.0000, 0.0000,
1.0106

187.2875,

■ 0.0000, 0.0000,

196.0090, 256.6507

0.0000

228.6401,
239.3688, 309.8256

■ 26.1314, 27.2143,
41.9058

■ 26.1314, 27.2143,
41.9058

■ 22.1634, 22.7978,
41.2629

■ 30.6985, 32.1900,
42.6259

■ 18.7658, 18.9163,
40.6928

■ 35.8865, 37.7410,
43.4240

■ 15.9113, 15.5490,
40.1933

■ 41.7194, 43.8872,
44.3029

■ 13.5691, 12.6719,
39.7614

■ 48.2189, 50.6461,
45.2649

■ 11.7052, 10.2590,
39.3939

■ 55.4060, 58.0347,
46.3122

■ 10.2809, 8.2815,
39.0873

■ 63.3004, 66.0692,
47.4470

■ 9.2507, 6.7063,
38.8375

■ 71.9211, 74.7653,
48.6711

■ 8.7716, 5.9339,
38.7137

■ 77.5103, 82.1913,
49.8099

■ 80.7727, 88.7161,
50.8974

Harmonies

Analogous

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



24.2303, 27.2143, 40.5594



26.1314, 27.2143, 41.9058



28.0547, 27.2143, 39.6340

Triad

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



26.1314, 27.2143, 41.9058



29.1567, 27.2143, 23.9422



22.5912, 27.2143, 25.0969

Complementary

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



26.1314, 27.2143, 41.9058



32.4288, 33.9081, 25.6053

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.



23.7949, 27.2143, 21.4720



26.1314, 27.2143, 41.9058



27.5745, 27.2143, 20.8676

Square

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



26.1314, 27.2143, 41.9058



29.8569, 27.2143, 28.8817



25.6031, 27.2143, 20.0241



22.2483, 27.2143, 30.3946

Rectangle

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



26.1314, 27.2143, 41.9058



29.0721, 27.2143, 36.5245



25.6031, 27.2143, 20.0241



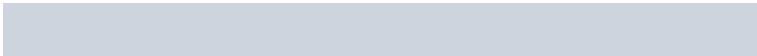
22.9055, 27.2143, 23.6658

Sweetspot

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



26.1322, 27.2154, 41.9064



62.1569, 65.3327, 78.3363



29.3997, 35.8056, 36.6595



13.7389, 14.4389, 17.4506



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.



26.1322, 27.2154, 41.9064



43.3871, 44.9203, 75.3856



25.1224, 23.7669, 41.2940



7.3334, 7.7038, 9.5188



6.4998, 4.4598, 28.4937



0.2055, 0.2032, 0.7090

Inverse Universe

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



29.3864, 26.2304, 29.5019



50.4081, 43.0683, 48.5612



33.6166, 38.2115, 26.3733



7.6329, 7.5830, 8.3840



12.7814, 6.5213, 3.6604



0.3349, 0.1682, 0.2149

Previews

White Background



This preview shows how the XYZ color 26.1314, 27.2143, 41.9058 looks on a white background.

Color Contrast Check

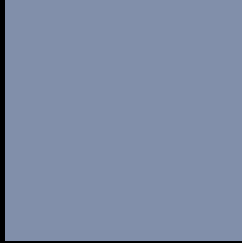
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1314, 27.2143, 41.9058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

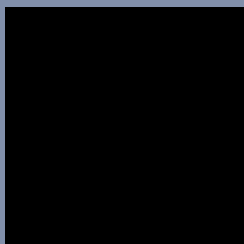
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

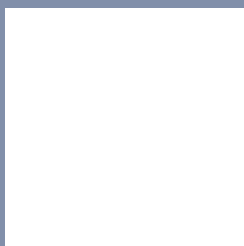
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1314, 27.2143, 41.9058

Background



This preview shows how black text looks on a background with the XYZ color 26.1314, 27.2143, 41.9058.



This preview shows how white text looks on a background with the XYZ color 26.1314, 27.2143,

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

26.1314, 27.2143, 41.9058

Protanopia

27.0028, 27.2327, 41.3693

Deuteranopia

27.7386, 27.1563, 42.3078



Tritanopia

24.8154, 27.1207, 35.8252

Trichromacy



Original Color

26.1314, 27.2143, 41.9058

Protanomaly

26.6659, 27.2789, 41.3960

Deuteranomaly

27.0453, 27.0148, 42.3170

Tritanomaly

25.2472, 27.0672, 38.0762

Monochromacy



Original Color

26.1314, 27.2143, 41.9058

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.6570, 26.9314, 33.5518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1314, 27.2143, 41.9058 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(129, 143, 170)` looks like.

```
.text, #text, p{  
    color:rgb(129, 143, 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(129, 143, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 143, 170) }
```

Border

The CSS property to change the border of an element to XYZ 26.1314, 27.2143, 41.9058 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(129, 143, 170) }
```


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

```
.border{ border-color:rgb(129, 143, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 143, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 143, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 143, 170);  
box-shadow:4px 4px 4px 4px rgb(129, 143,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1314, 27.2143, 41.9058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 143, 170) }
```

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

```
.background{ background-color: rgb(129,  
143, 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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