

Converting Colors

XYZ(26.1461, 26.8274, 41.7773)

Have a look what the booklet for
XYZ(26.1461, 26.8274, 41.7773)
contains.

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Color

**XYZ(26.1406, 26.7773,
41.8210)**

Conversions

Conversions Part 1

Format	Color
Hex	838DAA
RGB	131, 141, 170
RGB Percent	51%, 55%, 67%
CMY	0.4863, 0.4470, 0.3333
CMYK	0.23, 0.17, 0.00, 0.33
HSL	225°, 19%, 59%
HSV	225°, 23%, 67%
XYZ	26.1406, 26.7773, 41.8210
YIQ	141.3160, -15.2690, 6.8990

Conversions

Conversions Part 2

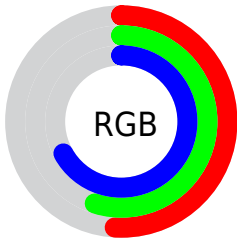
Format	Color
R_{YB}	131, 139, 170
Decimal	8621482
CIE _{Lab}	58.77, 2.88, -16.47
CIE _{LCh}	59, 16.722, 279.934
Yxy	26.7773, 0.2759, 0.2826
Android (android.graphics.Color)	4286811562 (0xFF838DAA)
YUV	141.3160, 14.1412, -9.0471
Hunter-Lab	51.7468, -0.3852, -11.6946

Details

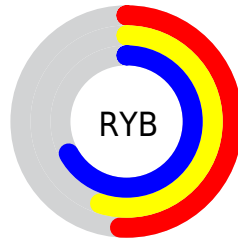
The XYZ color **26.1406, 26.7773, 41.8210** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **33.2453, 35.3264, 26.5398**, and the grayscale version is **25.3926, 26.7150, 29.0926**.

A 20% lighter version of the original color is **53.1133, 54.7807, 79.0085**, and **10.4044, 10.5395, 18.6255** is the 20% darker color. If you saturate the color by 10%, you get **21.9620, 22.0129, 41.1221**, and if you desaturate by 10%, it is **30.9657, 32.1920, 42.6123**.

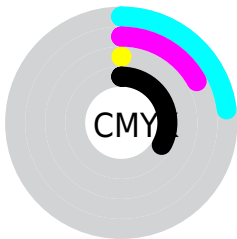
Distribution



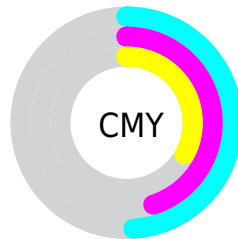
- Red (51%)
- Green (55%)
- Blue (67%)



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



- Cyan (23%)
- Magenta (17%)
- Yellow (0%)
- Black (33%)



- Cyan (49%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1406, 26.7773, 41.8210 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 26.1406, 26.7773, 41.8210 by changing the saturation by 10% instead.

■ 26.1406, 26.7773,
41.8210

■ 26.1406, 26.7773,
41.8210

275.7156,
286.5772, 369.5181

■ 17.0621, 17.4060,
28.6366

■ 52.9314, 54.5263,
79.1958

■ 10.3743, 10.5244,
18.5629

■ 71.3743, 73.6728,
104.2233

■ 5.7120, 5.7480,
11.1813

■ 93.6695, 96.8466,
134.0356

■ 2.7098, 2.6925,
6.0732

120.1822,
124.4319, 169.0513

■ 1.0022, 0.9734,
2.8201

151.2778,
156.8132, 209.6888

■ 0.0000, 0.0000,
1.0035

187.3217,

■ 0.0000, 0.0000,

194.3750, 256.3668

0.0000

228.6792,
237.5015, 309.5037

■ 26.1406, 26.7773,
41.8210

■ 26.1406, 26.7773,
41.8210

■ 21.9620, 22.0129,
41.1221

■ 30.9657, 32.1920,
42.6123

■ 18.3991, 17.8706,
40.5103

■ 36.4611, 38.2776,
43.4973

■ 15.4226, 14.3246,
39.9827

■ 42.6526, 45.0575,
44.4796

■ 12.9993, 11.3461,
39.5356

■ 49.5637, 52.5531,
45.5621

■ 11.0928, 8.9037,
39.1646

■ 57.2170, 60.7849,
46.7477

■ 9.6620, 6.9626,
38.8653

■ 65.6338, 69.7724,
48.0388

■ 8.6588, 5.4832,
38.6327

■ 74.8349, 79.5347,
49.4382

■ 8.1415, 4.6738,
38.5037

■ 80.2855, 87.7418,
50.7350

■ 84.1814, 95.5336,
52.0337

Harmonies

Analogous

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



24.1158, 26.7773, 41.1648



26.1406, 26.7773, 41.8210



28.0797, 26.7773, 38.7502

Triad

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



26.1406, 26.7773, 41.8210



28.6114, 26.7773, 22.4623



21.9081, 26.7773, 25.4336

Complementary

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



26.1406, 26.7773, 41.8210



33.2453, 35.3264, 26.5398

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.



22.9917, 26.7773, 21.2924



26.1406, 26.7773, 41.8210



26.8347, 26.7773, 19.7442

Square

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



26.1406, 26.7773, 41.8210



29.5563, 26.7773, 27.2421



24.7737, 26.7773, 19.3469



21.7447, 26.7773, 31.1574

Rectangle

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



26.1406, 26.7773, 41.8210



29.0360, 26.7773, 35.2179



24.7737, 26.7773, 19.3469



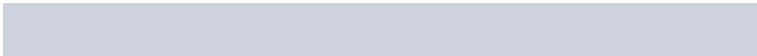
22.1740, 26.7773, 23.8328

Sweetspot

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



26.1414, 26.7784, 41.8216



61.8289, 64.6766, 78.2270



30.0455, 36.0993, 38.4593



13.6603, 14.2818, 17.4244



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.



26.1414, 26.7784, 41.8216



43.0676, 43.6302, 75.1535



26.2046, 24.7196, 41.4209



7.2824, 7.6017, 9.5018



6.0282, 3.5166, 28.3365



0.1866, 0.1655, 0.7028

Inverse Universe

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



29.5022, 26.7024, 28.7996



50.4057, 43.6759, 46.6729



33.1498, 37.9553, 27.0523



7.6071, 7.5727, 8.2484



12.5434, 6.4261, 2.4070



0.3254, 0.1644, 0.1648

Previews

White Background



This preview shows how the XYZ color 26.1406, 26.7773, 41.8210 looks on a white background.

Color Contrast Check

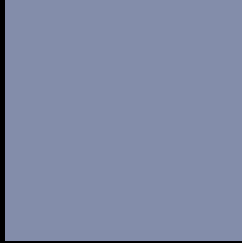
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1406, 26.7773, 41.8210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

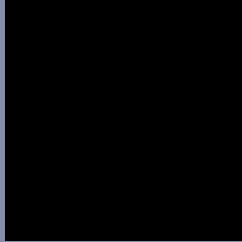
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1406, 26.7773, 41.8210

Background



This preview shows how black text looks on a background with the XYZ color 26.1406, 26.7773, 41.8210.



This preview shows how white text looks on a background with the XYZ color 26.1406, 26.7773,

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

26.1406, 26.7773, 41.8210

Protanopia

26.5312, 26.7716, 41.3052

Deuteranopia

27.2544, 26.6927, 42.2438



Tritanopia

24.7917, 26.9023, 34.8963

Trichromacy



Original Color

26.1406, 26.7773, 41.8210

Protanomaly

26.3710, 26.6891, 41.2977

Deuteranomaly

26.8998, 26.7239, 42.2685

Tritanomaly

25.2209, 26.8501, 37.1110

Monochromacy



Original Color

26.1406, 26.7773, 41.8210

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.5089, 26.6351, 33.5024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1406, 26.7773, 41.8210 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(131, 141, 170)` looks like.

```
.text, #text, p{  
    color:rgb(131, 141, 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(131, 141, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 141, 170) }
```

Border

The CSS property to change the border of an element to XYZ 26.1406, 26.7773, 41.8210 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(131, 141, 170) }
```


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

```
.border{ border-color:rgb(131, 141, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 141, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 141, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 141, 170);  
box-shadow:4px 4px 4px 4px rgb(131, 141,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1406, 26.7773, 41.8210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 141, 170) }
```

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

```
.background{ background-color: rgb(131,  
141, 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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