

Converting Colors

XYZ(25.8641, 26.5771, 40.1620)

Have a look what the booklet for
XYZ(25.8641, 26.5771, 40.1620)
contains.

XYZ(26.0156, 26.7453, 40.3504)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.0156, 26.7453,
40.3504)**

Conversions

Conversions Part 1

Format	Color
Hex	848DA7
RGB	132, 141, 167
RGB Percent	52%, 55%, 65%
CMY	0.4823, 0.4470, 0.3451
CMYK	0.21, 0.16, 0.00, 0.35
HSL	225°, 17%, 59%
HSV	225°, 21%, 65%
XYZ	26.0156, 26.7453, 40.3504
YIQ	141.2730, -13.7100, 6.1780

Conversions

Conversions Part 2

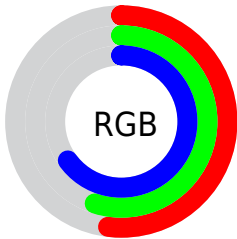
Format	Color
R_{YB}	132, 139, 167
Decimal	8687015
CIE _{Lab}	58.74, 2.49, -14.80
CIE _{LCh}	59, 15.007, 279.566
Yxy	26.7453, 0.2794, 0.2872
Android (android.graphics.Color)	4286877095 (0xFF848DA7)
YUV	141.2730, 12.6834, -8.1324
Hunter-Lab	51.7159, -0.7085, -10.0589

Details

The XYZ color **26.0156, 26.7453, 40.3504** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **32.3282, 34.3350, 26.7538**, and the grayscale version is **25.3808, 26.7026, 29.0791**.

A 20% lighter version of the original color is **52.7075, 54.6184, 76.8717**, and **10.3153, 10.5138, 17.7054** is the 20% darker color. If you saturate the color by 10%, you get **21.8825, 22.0502, 39.6624**, and if you desaturate by 10%, it is **30.7733, 32.0679, 41.1274**.

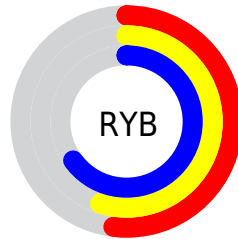
Distribution



Red (52%)

Green (55%)

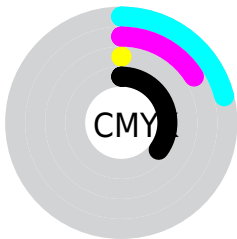
Blue (65%)



Red (52%)

Yellow (55%)

Blue (65%)

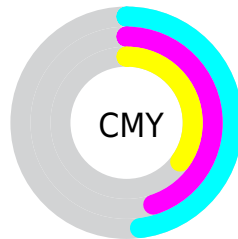


Cyan (21%)

Magenta (16%)

Yellow (0%)

Black (35%)



Cyan (48%)

Magenta (45%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0156, 26.7453, 40.3504 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 26.0156, 26.7453, 40.3504 by changing the saturation by 10% instead.

■ 26.0156, 26.7453,
40.3504

■ 26.0156, 26.7453,
40.3504

275.1139,
286.4218, 363.1942

■ 16.9681, 17.3820,
27.4960

■ 52.7312, 54.4749,
76.9397

■ 10.3069, 10.5072,
17.7104

■ 71.1300, 73.6100,
101.5117

■ 5.6667, 5.7365,
10.5750

■ 93.3766, 96.7712,
130.8266

■ 2.6822, 2.6856,
5.6712

119.8364,
124.3428, 165.3030

■ 0.9880, 0.9699,
2.5807

150.8746,
156.7093, 205.3594

■ 0.0000, 0.0000,
0.8825

186.8567,

■ 0.0000, 0.0000,

194.2550, 251.4144

0.0000

228.1480,
237.3644, 303.8865

■ 26.0156, 26.7453,
40.3504

■ 26.0156, 26.7453,
40.3504

■ 21.8825, 22.0502,
39.6624

■ 30.7733, 32.0679,
41.1274

■ 18.3450, 17.9557,
39.0586

■ 36.1781, 38.0370,
41.9947

■ 15.3753, 14.4376,
38.5360

■ 42.2544, 44.6751,
42.9558

■ 12.9424, 11.4687,
38.0912

■ 49.0244, 52.0024,
44.0132

■ 11.0123, 9.0196,
37.7202

■ 56.5096, 60.0382,
45.1698

■ 9.5465, 7.0578,
37.4188

■ 64.7302, 68.8012,
46.4280

■ 8.5008, 5.5465,
37.1822

■ 73.7059, 78.3093,
47.7901

■ 7.8373, 4.5143,
37.0179

■ 79.4466, 86.5131,
49.0711

■ 83.2292, 94.0782,
50.3319

Harmonies

Analogous

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



24.2004, 26.7453, 39.7337



26.0156, 26.7453, 40.3504



27.7513, 26.7453, 37.6897

Triad

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



26.0156, 26.7453, 40.3504



28.2588, 26.7453, 23.1091



22.2347, 26.7453, 25.7114

Complementary

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



26.0156, 26.7453, 40.3504



32.3282, 34.3350, 26.7538

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.



23.2242, 26.7453, 21.9608



26.0156, 26.7453, 40.3504



26.6812, 26.7453, 20.5895

Square

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



26.0156, 26.7453, 40.3504



29.0872, 26.7453, 27.4627



24.8348, 26.7453, 20.1962



22.0758, 26.7453, 30.8449

Rectangle

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



26.0156, 26.7453, 40.3504



28.6084, 26.7453, 34.5849



24.8348, 26.7453, 20.1962



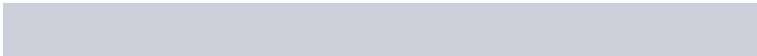
22.4789, 26.7453, 24.2654

Sweetspot

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



26.0164, 26.7464, 40.3510



59.6585, 62.4673, 74.3883



29.4778, 35.0006, 37.4001



13.2172, 13.8318, 16.6253



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.



26.0164, 26.7464, 40.3510



43.1301, 43.9840, 71.6918



26.0702, 24.8830, 39.9885



7.2828, 7.6026, 9.5019



6.0317, 3.5237, 28.3377



0.1868, 0.1658, 0.7028

Inverse Universe

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



28.9960, 26.6417, 28.8146



49.4466, 43.9071, 47.2026



32.2491, 36.6577, 27.2063



7.6074, 7.5728, 8.2496



12.5451, 6.4268, 2.4163



0.3254, 0.1645, 0.1653

Previews

White Background



This preview shows how the XYZ color 26.0156, 26.7453, 40.3504 looks on a white background.

Color Contrast Check

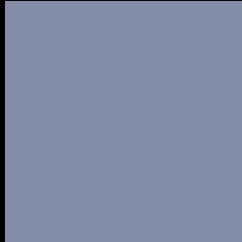
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0156, 26.7453, 40.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

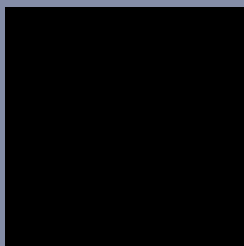
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0156, 26.7453, 40.3504

Background



This preview shows how black text looks on a background with the XYZ color 26.0156, 26.7453, 40.3504.



This preview shows how white text looks on a background with the XYZ color 26.0156, 26.7453,

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

26.0156, 26.7453, 40.3504

Protanopia

26.4144, 26.7436, 39.8462

Deuteranopia

27.3117, 26.7549, 40.7705



Tritanopia

24.9448, 26.7573, 34.8603

Trichromacy



Original Color

26.0156, 26.7453, 40.3504

Protanomaly

26.2527, 26.6602, 39.8387

Deuteranomaly

26.7817, 26.6957, 40.7870

Tritanomaly

25.2911, 26.6745, 36.6166

Monochromacy



Original Color

26.0156, 26.7453, 40.3504

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.5111, 26.6550, 32.6545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0156, 26.7453, 40.3504 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(132, 141, 167)` looks like.

```
.text, #text, p{  
    color:rgb(132, 141, 167)  
}
```

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(132, 141, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 141, 167) }
```

Border

The CSS property to change the border of an element to XYZ 26.0156, 26.7453, 40.3504 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(132, 141, 167) }
```


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

```
.border{ border-color:rgb(132, 141, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 141, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 141, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 141, 167);  
box-shadow:4px 4px 4px 4px rgb(132, 141,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0156, 26.7453, 40.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 141, 167) }
```

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

```
.background{ background-color: rgb(132,  
141, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor