

Converting Colors

XYZ(26.4065, 19.5292, 40.9075)

Have a look what the booklet for
XYZ(26.4065, 19.5292, 40.9075)
contains.

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Color

**XYZ(26.4051, 19.5282,
40.9057)**

Conversions

Conversions Part 1

Format	Color
Hex	A064AB
RGB	160, 100, 171
RGB Percent	63%, 39%, 67%
CMY	0.3725, 0.6078, 0.3294
CMYK	0.06, 0.42, 0.00, 0.33
HSL	291°, 30%, 53%
HSV	291°, 42%, 67%
XYZ	26.4051, 19.5282, 40.9057
YIQ	126.0340, 12.9690, 34.8010

Conversions

Conversions Part 2

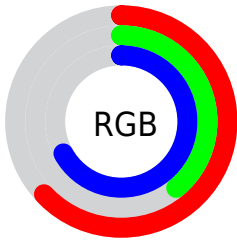
Format	Color
R_{YB}	160, 100, 171
Decimal	10511531
CIE _{Lab}	51.30, 36.17, -28.28
CIE _{LCh}	51, 45.911, 321.979
Yxy	19.5282, 0.3041, 0.2249
Android (android.graphics.Color)	4288701611 (0xFFA064AB)
YUV	126.0340, 22.1682, 29.7882
Hunter-Lab	44.1907, 29.3246, -23.9490

Details

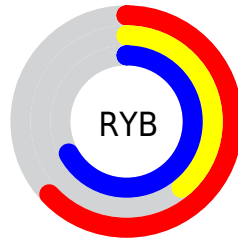
The XYZ color **26.4051, 19.5282, 40.9057** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.4193, 33.4259, 17.2750**, and the grayscale version is **19.7673, 20.7967, 22.6476**.

A 20% lighter version of the original color is **53.4123, 42.6015, 78.0808**, and **10.5172, 6.8015, 17.8980** is the 20% darker color. If you saturate the color by 10%, you get **24.4101, 16.3156, 40.3911**, and if you desaturate by 10%, it is **28.7569, 23.4367, 41.5365**.

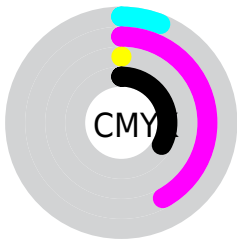
Distribution



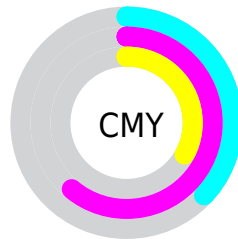
- Red (63%)
- Green (39%)
- Blue (67%)



- Red (63%)
- Yellow (39%)
- Blue (67%)



- Cyan (6%)
- Magenta (42%)
- Yellow (0%)
- Black (33%)





- Cyan (37%)
- Magenta (61%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4051, 19.5282, 40.9057 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 26.4051, 19.5282, 40.9057 by changing the saturation by 10% instead.


 26.4051, 19.5282,
40.9057


 26.4051, 19.5282,
40.9057


276.9854,
249.3494, 365.5913


 17.2612, 12.0526,
27.9263


 53.3544, 42.6247,
77.7928


 10.5174, 6.7795,
18.0315


 71.8905, 59.0144,
102.5376

 5.8082, 3.3246,
10.8029


 94.2881, 79.1443,
132.0413

 2.7683, 1.3034,
5.8220

 120.9125,
103.3987, 166.7223

 1.0325, 0.1439,
2.6701

152.1291,
132.1620, 206.9993

 0.0000, 0.0000,
0.9283

188.3032,

 0.0000, 0.0000,

165.8186, 253.2908

0.0000

229.8002,
204.7529, 306.0152

■ 26.4051, 19.5282,
40.9057

■ 26.4051, 19.5282,
40.9057

■ 24.4101, 16.3156,
40.3911

■ 28.7569, 23.4367,
41.5365

■ 22.7482, 13.7530,
39.9840

■ 31.4835, 28.0783,
42.2887

■ 21.3957, 11.7928,
39.6769

■ 34.6039, 33.4906,
43.1689

■ 20.3251, 10.3798,
39.4606

■ 38.1352, 39.7077,
44.1828

■ 19.5035, 9.4486,
39.3242

■ 42.0936, 46.7618,
45.3357

■ 18.9414, 8.9155,
39.2509

■ 46.4943, 54.6833,
46.6328

■ 51.3519, 63.5010,
48.0788

■ 56.6800, 73.2425,
49.6782

■ 62.4919, 83.9341,
51.4356

Harmonies

Analogous

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



22.0585, 19.5282, 54.3056



26.4051, 19.5282, 40.9057



28.7266, 19.5282, 24.9828

Triad

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



26.4051, 19.5282, 40.9057



19.8181, 19.5282, 4.7837



11.5294, 19.5282, 32.1768

Complementary

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



26.4051, 19.5282, 40.9057



23.4193, 33.4259, 17.2750

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.



11.1306, 19.5282, 17.9319



26.4051, 19.5282, 40.9057



15.4542, 19.5282, 5.3953

Square

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



26.4051, 19.5282, 40.9057



24.5356, 19.5282, 6.9335



12.4480, 19.5282, 9.1977



13.6447, 19.5282, 47.9873

Rectangle

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



26.4051, 19.5282, 40.9057



28.5854, 19.5282, 16.4430



12.4480, 19.5282, 9.1977



11.2059, 19.5282, 26.9432

Sweetspot

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



26.4058, 19.5290, 40.9061



61.5624, 59.2615, 77.1958



18.3828, 17.2021, 40.8798



13.5651, 12.9302, 17.1685



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.



26.4058, 19.5290, 40.9061



43.9256, 29.5500, 72.3905



26.6450, 19.8901, 30.1766



8.2134, 8.0843, 10.0802



14.3149, 6.7395, 29.5909



0.4305, 0.2041, 0.8247

Inverse Universe

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



24.2216, 18.9207, 17.4151



39.6580, 28.4198, 23.8553



23.4361, 33.2824, 24.1482



8.0540, 8.0348, 8.5949



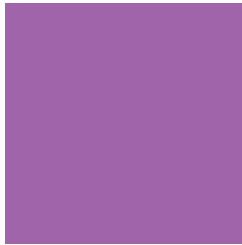
12.8184, 6.5899, 1.4233



0.3717, 0.1894, 0.1191

Previews

White Background



This preview shows how the XYZ color 26.4051, 19.5282, 40.9057 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 26.4051, 19.5282, 40.9057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

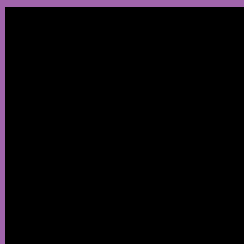
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4051, 19.5282, 40.9057

Background



This preview shows how black text looks on a background with the XYZ color 26.4051, 19.5282, 40.9057.



This preview shows how white text looks on a background with the XYZ color 26.4051, 19.5282,

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

26.4051, 19.5282, 40.9057

Protanopia

20.9392, 19.7164, 50.2790

Deuteranopia

20.1191, 19.7160, 39.3044



Tritanopia

22.2115, 19.4972, 20.3620

Trichromacy



Original Color

26.4051, 19.5282, 40.9057

Protanomaly

22.2338, 19.2526, 46.8002

Deuteranomaly

21.8751, 19.2266, 39.6040

Tritanomaly

23.6282, 19.4474, 26.9345

Monochromacy



Original Color

26.4051, 19.5282, 40.9057

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.7250, 20.0788, 28.3218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4051, 19.5282, 40.9057 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(160, 100, 171)` looks like.

```
.text, #text, p{  
    color:rgb(160, 100, 171)  
}
```

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(160, 100, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 100, 171) }
```

Border

The CSS property to change the border of an element to XYZ 26.4051, 19.5282, 40.9057 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(160, 100, 171) }
```


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

```
.border{ border-color:rgb(160, 100, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 100, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 100, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 100, 171);  
box-shadow:4px 4px 4px 4px rgb(160, 100,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4051, 19.5282, 40.9057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 100, 171) }
```

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

```
.background{ background-color: rgb(160,  
100, 171) }
```

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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