

Converting Colors

XYZ(26.1380, 19.4446, 38.4519)

Have a look what the booklet for
XYZ(26.1380, 19.4446, 38.4519)
contains.

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Color

**XYZ(26.1380, 19.4446,
38.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	A164A6
RGB	161, 100, 166
RGB Percent	63%, 39%, 65%
CMY	0.3686, 0.6078, 0.3490
CMYK	0.03, 0.40, 0.00, 0.35
HSL	295°, 27%, 52%
HSV	295°, 40%, 65%
XYZ	26.1380, 19.4446, 38.4519
YIQ	125.7630, 15.1700, 33.4580

Conversions

Conversions Part 2

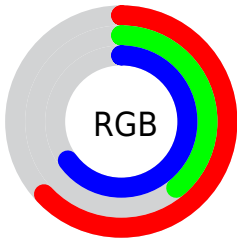
Format	Color
R _Y B	161, 100, 166
Decimal	10577062
CIE _{Lab}	51.20, 35.48, -25.50
CIE _{LCh}	51, 43.692, 324.294
Y _{xy}	19.4446, 0.3110, 0.2314
Android (android.graphics.Color)	4288767142 (0xFFA164A6)
Y _{UV}	125.7630, 19.8368, 30.9028
Hunter-Lab	44.0960, 28.6381, -20.8339




Details

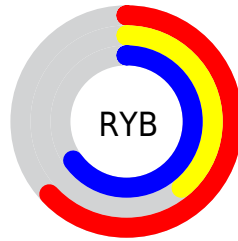
The XYZ color **26.1380, 19.4446, 38.4519** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.7629, 31.1963, 16.9321**, and the grayscale version is **19.6826, 20.7076, 22.5506**.




A 20% lighter version of the original color is **52.8947, 42.4286, 73.8083**, and **10.4054, 6.7707, 16.6780** is the 20% darker color. If you saturate the color by 10%, you get **24.4532, 16.4488, 37.9627**, and if you desaturate by 10%, it is **28.1511, 23.0922, 39.0501**.

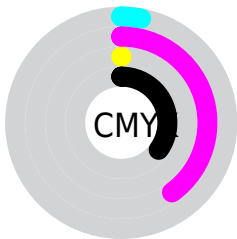
Distribution







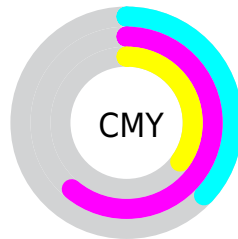
-  Red (63%)
-  Green (39%)
-  Blue (65%)






-  Red (63%)
-  Yellow (39%)
-  Blue (65%)



-  Cyan (3%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (35%)





-  Cyan (37%)
-  Magenta (61%)
-  Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1380, 19.4446, 38.4519 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 26.1380, 19.4446, 38.4519 by changing the saturation by 10% instead.

 26.1380, 19.4446,
38.4519


 26.1380, 19.4446,
38.4519


275.7031,
248.8923, 354.9107


 17.0601, 11.9920,
26.0291


 52.9272, 42.4840,
74.0113


 10.3729, 6.7382,
16.6194


 71.3693, 58.8396,
97.9850

 5.7111, 3.2989,
9.8044


 93.6634, 78.9317,
126.6461

 2.7092, 1.2897,
5.1656

 120.1750,
103.1445, 160.4130

 1.0019, 0.1332,
2.2843

151.2694,
131.8626, 199.7044

 0.0000, 0.0000,
0.7224

187.3120,

 0.0000, 0.0000,

165.4704, 244.9388

0.0000

228.6681,
204.3521, 296.5347

■ 26.1380, 19.4446,
38.4519

■ 26.1380, 19.4446,
38.4519

■ 24.4532, 16.4488,
37.9627

■ 28.1511, 23.0922,
39.0501

■ 23.0748, 14.0627,
37.5748

■ 30.5086, 27.4253,
39.7623

■ 21.9815, 12.2429,
37.2812

■ 33.2281, 32.4785,
40.5943

■ 21.1484, 10.9397,
37.0736

■ 36.3252, 38.2831,
41.5515

■ 20.5461, 10.0944,
36.9421

■ 39.8147, 44.8689,
42.6387

■ 20.1104, 9.5787,
36.8656

■ 43.7107, 52.2636,
43.8607

■ 20.1002, 9.5669,
36.8638

■ 48.0264, 60.4939,
45.2218

■ 52.7745, 69.5851,
46.7264

■ 57.9671, 79.5616,
48.3784

Harmonies

Analogous

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



22.1401, 19.4446, 51.3636



26.1380, 19.4446, 38.4519



28.1143, 19.4446, 23.6435

Triad

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



26.1380, 19.4446, 38.4519



19.3255, 19.4446, 5.1636



11.8591, 19.4446, 32.6333

Complementary

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



26.1380, 19.4446, 38.4519



21.7629, 31.1963, 16.9321

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.



11.3466, 19.4446, 18.8788



26.1380, 19.4446, 38.4519



15.2500, 19.4446, 5.9853

Square

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



26.1380, 19.4446, 38.4519



23.8045, 19.4446, 7.0708



12.4885, 19.4446, 10.0443



14.0178, 19.4446, 47.1831

Rectangle

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



26.1380, 19.4446, 38.4519



27.8276, 19.4446, 15.7920



12.4885, 19.4446, 10.0443



11.5044, 19.4446, 27.6528

Sweetspot

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



26.1386, 19.4455, 38.4523



59.0257, 56.5588, 73.2812



17.2420, 15.6688, 38.1923



13.0685, 12.3956, 16.3559



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.



26.1386, 19.4455, 38.4523



44.6220, 30.2785, 68.9678



24.9074, 19.0717, 26.6042



7.7850, 7.6373, 9.4822



15.6041, 7.4276, 28.5867



0.3956, 0.1889, 0.6963

Inverse Universe

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



22.8335, 18.2421, 15.6832



37.8400, 27.8296, 21.3354



22.7559, 31.5276, 25.1369



7.5533, 7.5512, 7.9650



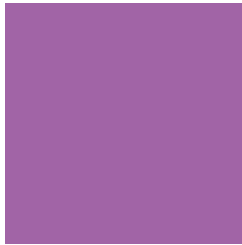
12.2563, 6.3112, 0.8951



0.3052, 0.1563, 0.0585

Previews

White Background



This preview shows how the XYZ color 26.1380, 19.4446, 38.4519 looks on a white background.

Color Contrast Check

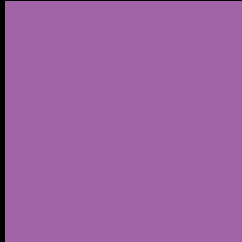
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1380, 19.4446, 38.4519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

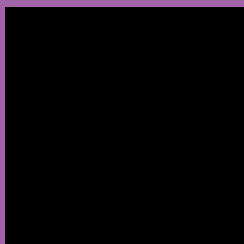
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1380, 19.4446, 38.4519

Background



This preview shows how black text looks on a background with the XYZ color 26.1380, 19.4446, 38.4519.



This preview shows how white text looks on a background with the XYZ color 26.1380, 19.4446,

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

26.1380, 19.4446, 38.4519

Protanopia

20.5268, 19.5770, 46.9528

Deuteranopia

19.9201, 19.4863, 36.8937



Tritanopia

22.4233, 19.4523, 20.0256

Trichromacy



Original Color

26.1380, 19.4446, 38.4519

Protanomaly

21.9100, 19.1558, 43.6170

Deuteranomaly

21.7219, 19.2004, 37.2115

Tritanomaly

23.5026, 19.2537, 25.7702

Monochromacy



Original Color

26.1380, 19.4446, 38.4519

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.8165, 20.1346, 27.9358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1380, 19.4446, 38.4519 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(161, 100, 166)` looks like.

```
.text, #text, p{  
    color:rgb(161, 100, 166)  
}
```

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(161, 100, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 100, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.1380, 19.4446, 38.4519 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(161, 100, 166) }
```


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

```
.border{ border-color:rgb(161, 100, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 100, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 100, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 100, 166);  
box-shadow:4px 4px 4px 4px rgb(161, 100,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1380, 19.4446, 38.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 100, 166) }
```

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

```
.background{ background-color: rgb(161,  
100, 166) }
```

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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