

Converting Colors

XYZ(25.8104, 19.3538, 41.4050)

Have a look what the booklet for
XYZ(25.8104, 19.3538, 41.4050)
contains.

XYZ(25.8104, 19.3538, 41.4050)	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(25.8104, 19.3538,
41.4050)**

Conversions

Conversions Part 1

Format	Color
Hex	9C65AC
RGB	156, 101, 172
RGB Percent	61%, 40%, 67%
CMY	0.3882, 0.6039, 0.3255
CMYK	0.09, 0.41, 0.00, 0.33
HSL	286°, 30%, 54%
HSV	286°, 41%, 67%
XYZ	25.8104, 19.3538, 41.4050
YIQ	125.5390, 9.9890, 33.7410

Conversions

Conversions Part 2

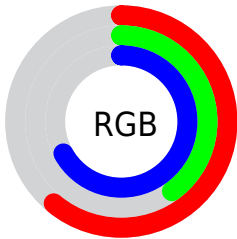
Format	Color
R _{YB}	156, 101, 172
Decimal	10249644
CIE _{Lab}	51.10, 34.57, -29.21
CIE _{LCh}	51, 45.255, 319.800
Yxy	19.3538, 0.2981, 0.2236
Android (android.graphics.Color)	4288439724 (0xFF9C65AC)
YUV	125.5390, 22.9053, 26.7143
Hunter-Lab	43.9930, 27.7372, -25.0071

Details

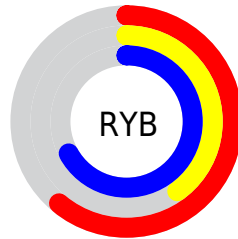
The XYZ color **25.8104, 19.3538, 41.4050** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.4381, 34.2269, 17.6311**, and the grayscale version is **19.5980, 20.6186, 22.4537**.

A 20% lighter version of the original color is **52.5462, 42.3810, 78.8096**, and **10.1513, 6.6715, 18.2055** is the 20% darker color. If you saturate the color by 10%, you get **23.5740, 15.9762, 40.8712**, and if you desaturate by 10%, it is **28.4216, 23.4443, 42.0572**.

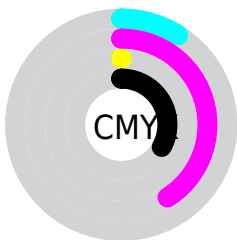
Distribution



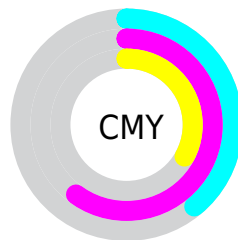
- Red (61%)
- Green (40%)
- Blue (67%)



- Red (61%)
- Yellow (40%)
- Blue (67%)



- Cyan (9%)
- Magenta (41%)
- Yellow (0%)
- Black (33%)





- Cyan (39%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8104, 19.3538, 41.4050 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 25.8104, 19.3538, 41.4050 by changing the saturation by 10% instead.


 25.8104, 19.3538,
41.4050


 25.8104, 19.3538,
41.4050


274.1239,
248.3950, 367.7371


 16.8138, 11.9262,
28.3136

 52.4024, 42.3311,
78.5587


 10.1963, 6.6934,
18.3211


 70.7285, 58.6496,
103.4580

 5.5926, 3.2711,
11.0089


 92.8951, 78.7005,
133.1304

 2.6372, 1.2749,
5.9586

 119.2677,
102.8682, 167.9944

 0.9650, 0.1216,
2.7515

150.2115,
131.5371, 208.4685

 0.0000, 0.0000,
0.9692

186.0919,

 0.0000, 0.0000,

165.0916, 254.9713

0.0000

227.2742,
203.9161, 307.9213

■ 25.8104, 19.3538,
41.4050

■ 25.8104, 19.3538,
41.4050

■ 23.5740, 15.9762,
40.8712

■ 28.4216, 23.4443,
42.0572

■ 21.6881, 13.2651,
40.4473

■ 31.4258, 28.2856,
42.8333

■ 20.1287, 11.1721,
40.1255

■ 34.8425, 33.9156,
43.7400

■ 18.8678, 9.6414,
39.8965

■ 38.6892, 40.3691,
44.7829

■ 17.8720, 8.6068,
39.7493

■ 42.9824, 47.6788,
45.9675

■ 17.1575, 7.9848,
39.6669

■ 47.7376, 55.8754,
47.2990

■ 52.9697, 64.9884,
48.7822

■ 58.6927, 75.0456,
50.4218

■ 64.6634, 85.5600,
52.1366

Harmonies

Analogous

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



21.4781, 19.3538, 53.9562



25.8104, 19.3538, 41.4050



28.2699, 19.3538, 25.7627

Triad

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



25.8104, 19.3538, 41.4050



19.9671, 19.3538, 4.9016



11.4080, 19.3538, 30.6093

Complementary

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



25.8104, 19.3538, 41.4050



24.4381, 34.2269, 17.6311

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.



11.1381, 19.3538, 16.9901



25.8104, 19.3538, 41.4050



15.6224, 19.3538, 5.3181

Square

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



25.8104, 19.3538, 41.4050



24.5507, 19.3538, 7.2656



12.5565, 19.3538, 8.8018



13.3656, 19.3538, 46.1680

Rectangle

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



25.8104, 19.3538, 41.4050



28.2838, 19.3538, 17.1376



12.5565, 19.3538, 8.8018



11.1307, 19.3538, 25.5690

Sweetspot

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



25.8111, 19.3546, 41.4054



62.5953, 60.5074, 79.1857



19.2414, 18.6011, 41.6062



13.4286, 12.8598, 17.1621



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.



25.8111, 19.3546, 41.4054



42.9093, 29.1941, 74.1792



27.4227, 20.3808, 32.6549



8.1579, 8.0557, 10.0776



12.8168, 5.9672, 29.5208



0.3995, 0.1881, 0.8232

Inverse Universe

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



24.8783, 19.3631, 19.2564



41.2310, 29.3639, 27.3438



23.5061, 33.6266, 23.0005



8.0764, 8.0438, 8.7132



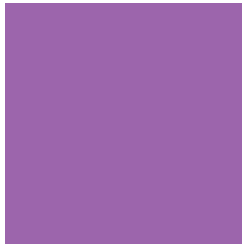
12.9480, 6.6417, 2.1056



0.3805, 0.1929, 0.1657

Previews

White Background



This preview shows how the XYZ color 25.8104, 19.3538, 41.4050 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 25.8104, 19.3538, 41.4050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

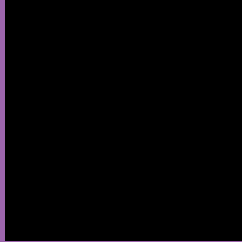
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8104, 19.3538, 41.4050

Background



This preview shows how black text looks on a background with the XYZ color 25.8104, 19.3538, 41.4050.



This preview shows how white text looks on a background with the XYZ color 25.8104, 19.3538,

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

25.8104, 19.3538, 41.4050

Protanopia

20.7231, 19.6175, 49.7080

Deuteranopia

19.9687, 19.6277, 39.7819



Tritanopia

21.6398, 19.3584, 20.6852

Trichromacy



Original Color

25.8104, 19.3538, 41.4050

Protanomaly

21.9564, 19.1096, 46.7873

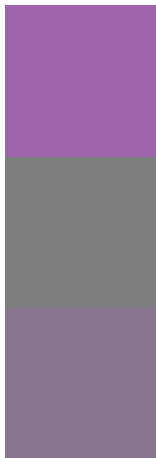
Deuteranomaly

21.6362, 19.2592, 40.1132

Tritanomaly

23.0451, 19.2940, 27.3204

Monochromacy



Original Color

25.8104, 19.3538, 41.4050

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.6357, 20.0241, 28.7113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8104, 19.3538, 41.4050 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(156, 101, 172)` looks like.

```
.text, #text, p{  
    color:rgb(156, 101, 172)  
}
```

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(156, 101, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 101, 172) }
```

Border

The CSS property to change the border of an element to XYZ 25.8104, 19.3538, 41.4050 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(156, 101, 172) }
```


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

```
.border{ border-color:rgb(156, 101, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 101, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 101, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 101, 172);  
box-shadow:4px 4px 4px 4px rgb(156, 101,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8104, 19.3538, 41.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 101, 172) }
```

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

```
.background{ background-color: rgb(156,  
101, 172) }
```

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