

Converting Colors

XYZ(25.1819, 19.0036, 34.0962)

Have a look what the booklet for
XYZ(25.1819, 19.0036, 34.0962)
contains.

XYZ(25.1402, 19.0222, 34.2449)	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(25.1402, 19.0222,
34.2449)**

Conversions

Conversions Part 1

Format	Color
Hex	A0649D
RGB	160, 100, 157
RGB Percent	63%, 39%, 62%
CMY	0.3725, 0.6078, 0.3843
CMYK	0.00, 0.37, 0.02, 0.37
HSL	303°, 24%, 51%
HSV	303°, 37%, 63%
XYZ	25.1402, 19.0222, 34.2449
YIQ	124.4380, 17.4630, 30.4470

Conversions

Conversions Part 2

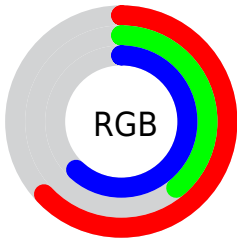
Format	Color
R _Y B	160, 100, 157
Decimal	10511517
CIE _{Lab}	50.71, 33.40, -20.99
CIE _{LCh}	51, 39.447, 327.855
Yxy	19.0222, 0.3206, 0.2426
Android (android.graphics.Color)	4288701597 (0xFFA0649D)
YUV	124.4380, 16.0531, 31.1879
Hunter-Lab	43.6144, 26.5655, -16.0228




Details

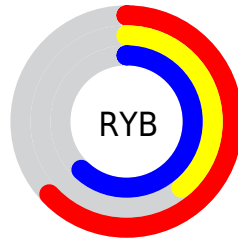
The XYZ color **25.1402, 19.0222, 34.2449** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.2753, 28.8309, 17.3293**, and the grayscale version is **19.2488, 20.2512, 22.0536**.




A 20% lighter version of the original color is **51.4308, 41.8089, 67.6466**, and **9.8487, 6.5341, 14.3778** is the 20% darker color. If you saturate the color by 10%, you get **23.6858, 16.2220, 33.4243**, and if you desaturate by 10%, it is **26.8977, 22.4271, 35.1691**.

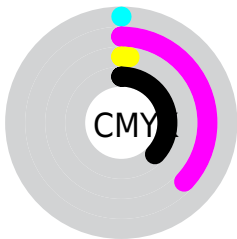
Distribution







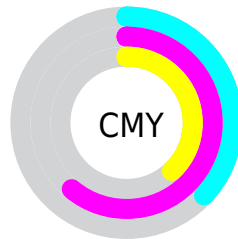
-  Red (63%)
-  Green (39%)
-  Blue (62%)






-  Red (63%)
-  Yellow (39%)
-  Blue (62%)



-  Cyan (0%)
-  Magenta (37%)
-  Yellow (2%)
-  Black (37%)





-  Cyan (37%)
-  Magenta (61%)
-  Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1402, 19.0222, 34.2449 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 25.1402, 19.0222, 34.2449 by changing the saturation by 10% instead.


 25.1402, 19.0222,
34.2449


 25.1402, 19.0222,
34.2449


270.8702,
246.5713, 336.0251


 16.3108, 11.6863,
22.8029


 51.3258, 41.7716,
67.4526


 9.8366, 6.5305,
14.2441


 69.4128, 57.9539,
90.0553

 5.3522, 3.1702,
8.1500


 91.3164, 77.8538,
117.2155

 2.4922, 1.2212,
4.1019

 117.4018,
101.8558, 149.3515

 0.8913, 0.0790,
1.6814

148.0346,
130.3441, 186.8819

 0.0000, 0.0000,
0.3480

183.5800,

 0.0000, 0.0000,

163.7032, 230.2253

0.0000

224.4034,
202.3174, 279.8002

■ 25.1402, 19.0222,
34.2449

■ 25.1402, 19.0222,
34.2449

■ 23.6858, 16.2220,
33.4243

■ 26.8977, 22.4271,
35.1691

■ 22.5148, 13.9884,
32.7002

■ 28.9727, 26.4666,
36.2012

■ 21.6084, 12.2831,
32.0665

■ 31.3809, 31.1719,
37.3466

■ 20.9445, 11.0621,
31.5157

■ 34.1364, 36.5711,
38.6100

■ 20.4974, 10.2740,
31.0395

■ 37.2527, 42.6911,
39.9958

■ 20.2247, 9.8341,
30.6236

■ 40.7423, 49.5570,
41.5083

■ 20.1649, 9.7407,
30.5227

■ 44.6173, 57.1929,
43.1515

■ 48.8891, 65.6217,
44.9292

■ 53.5687, 74.8655,
46.8451

Harmonies

Analogous

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



21.7842, 19.0222, 45.8428



25.1402, 19.0222, 34.2449



26.5814, 19.0222, 21.5199

Triad

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



25.1402, 19.0222, 34.2449



18.3600, 19.0222, 5.8815



12.2671, 19.0222, 32.3491

Complementary

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



25.1402, 19.0222, 34.2449



20.2753, 28.8309, 17.3293

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.



11.6172, 19.0222, 19.9244



25.1402, 19.0222, 34.2449



14.8216, 19.0222, 7.0067

Square

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



25.1402, 19.0222, 34.2449



22.3350, 19.0222, 7.4012



12.4834, 19.0222, 11.3168



14.4030, 19.0222, 44.5013

Rectangle

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



25.1402, 19.0222, 34.2449



26.1274, 19.0222, 14.8412



12.4834, 19.0222, 11.3168



11.8822, 19.0222, 27.9567

Sweetspot

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



25.1408, 19.0230, 34.2453



55.2815, 53.2810, 67.0126



16.4967, 14.5369, 35.1947



12.0026, 11.4480, 14.6392



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1408, 19.0230, 34.2453



43.4005, 30.2111, 60.9186



22.8859, 18.1211, 22.3710



6.8898, 6.7488, 8.2709



15.7128, 7.5897, 23.8021



0.2849, 0.1373, 0.4462

Inverse Universe

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



25.1408, 19.0230, 34.2453



43.4005, 30.2111, 60.9186



22.0607, 29.5451, 26.7312



6.8898, 6.7488, 8.2709



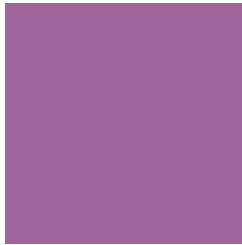
15.7128, 7.5897, 23.8021



0.2849, 0.1373, 0.4462

Previews

White Background



This preview shows how the XYZ color 25.1402, 19.0222, 34.2449 looks on a white background.

Color Contrast Check

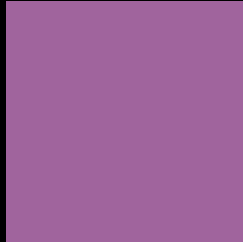
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1402, 19.0222, 34.2449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

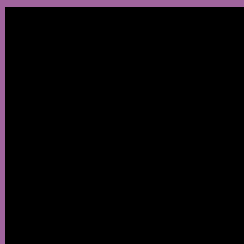
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1402, 19.0222, 34.2449

Background



This preview shows how black text looks on a background with the XYZ color 25.1402, 19.0222, 34.2449.



This preview shows how white text looks on a background with the XYZ color 25.1402, 19.0222,

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

25.1402, 19.0222, 34.2449

Protanopia

19.8689, 19.1755, 41.6838

Deuteranopia

19.6320, 19.2397, 33.2508



Tritanopia

22.0910, 18.9780, 19.3284

Trichromacy



Original Color

25.1402, 19.0222, 34.2449

Protanomaly

21.2267, 18.7383, 39.0573

Deuteranomaly

21.2263, 18.8604, 33.5320

Tritanomaly

23.1211, 18.9372, 24.2664

Monochromacy



Original Color

25.1402, 19.0222, 34.2449

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.8912, 19.3574, 25.9278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1402, 19.0222, 34.2449 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(160, 100, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 100, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.1402, 19.0222, 34.2449 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, 157) }
```


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

```
.border{ border-color:rgb(160, 100, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 100, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 100, 157); box-shadow:4px 4px 4px 4px rgb(160, 100, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1402, 19.0222, 34.2449 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, 157) }
```

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

```
.background{ background-color: rgb(160,  
100, 157) }
```

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