

Converting Colors

XYZ(24.5219, 19.0143, 34.2506)

Have a look what the booklet for
XYZ(24.5219, 19.0143, 34.2506)
contains.

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Color

**XYZ(24.5475, 19.0050,
34.2728)**

Conversions

Conversions Part 1

Format	Color
Hex	9C669D
RGB	156, 102, 157
RGB Percent	61%, 40%, 62%
CMY	0.3882, 0.6000, 0.3843
CMYK	0.01, 0.35, 0.00, 0.38
HSL	299°, 22%, 51%
HSV	299°, 35%, 62%
XYZ	24.5475, 19.0050, 34.2728
YIQ	124.4160, 14.5290, 28.5530

Conversions

Conversions Part 2

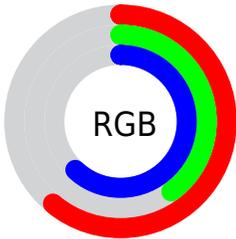
Format	Color
R _Y B	156, 102, 157
Decimal	10249885
CIE Lab	50.69, 30.94, -21.06
CIE LCh	51, 37.431, 325.761
Yxy	19.0050, 0.3154, 0.2442
Android (android.graphics.Color)	4288439965 (0xFF9C669D)
YUV	124.4160, 16.0639, 27.6992
Hunter-Lab	43.5947, 24.2198, -16.0956

Details

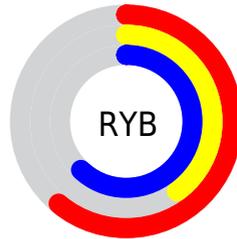
The XYZ color **24.5475, 19.0050, 34.2728** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.0494, 27.9573, 16.9109**, and the grayscale version is **19.2422, 20.2443, 22.0460**.

A 20% lighter version of the original color is **50.3032, 41.7136, 67.6876**, and **9.5835, 6.5299, 14.3910** is the 20% darker color. If you saturate the color by 10%, you get **23.0933, 16.1781, 33.8041**, and if you desaturate by 10%, it is **26.2953, 22.4181, 34.8397**.

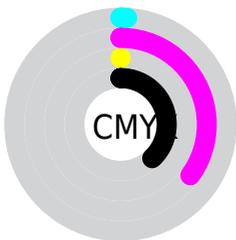
Distribution



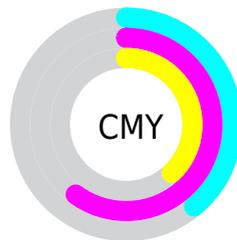
- Red (61%)
- Green (40%)
- Blue (62%)



- Red (61%)
- Yellow (40%)
- Blue (62%)



- Cyan (1%)
- Magenta (35%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (60%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5475, 19.0050, 34.2728 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 24.5475, 19.0050, 34.2728 by changing the saturation by 10% instead.

■ 24.5475, 19.0050,
34.2728

■ 24.5475, 19.0050,
34.2728

267.9663,
246.4764, 336.1530

■ 15.8672, 11.6739,
22.8242

■ 50.3704, 41.7425,
67.4964

■ 9.5205, 6.5220,
14.2597

■ 68.2436, 57.9178,
90.1085

■ 5.1420, 3.1650,
8.1607

■ 89.9119, 77.8098,
117.2788

■ 2.3664, 1.2185,
4.1087

■ 115.7406,
101.8031, 149.4259

■ 0.8283, 0.0767,
1.6852

146.0950,
130.2820, 186.9683

■ 0.0000, 0.0000,
0.3505

181.3406,

■ 0.0000, 0.0000,

163.6309, 230.3246

0.0000

221.8425,
202.2342, 279.9133

■ 24.5475, 19.0050,
34.2728

■ 24.5475, 19.0050,
34.2728

■ 23.0933, 16.1781,
33.8041

■ 26.2953, 22.4181,
34.8397

■ 21.9143, 13.9018,
33.4268

■ 28.3500, 26.4453,
35.5088

■ 20.9929, 12.1405,
33.1354

■ 30.7265, 31.1158,
36.2850

■ 20.3088, 10.8535,
32.9231

■ 33.4380, 36.4563,
37.1729

■ 19.8384, 9.9939,
32.7819

■ 36.4972, 42.4919,
38.1767

■ 19.5522, 9.5022,
32.7021

■ 39.9160, 49.2463,
39.3002

■ 19.4404, 9.3189,
32.6726

■ 43.7055, 56.7422,
40.5474

■ 47.8768, 65.0014,
41.9217

■ 52.4402, 74.0446,
43.4267

Harmonies

Analogous

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



21.3073, 19.0050, 44.7502



24.5475, 19.0050, 34.2728



26.0539, 19.0050, 22.2230

Triad

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



24.5475, 19.0050, 34.2728



18.5902, 19.0050, 6.3745



12.4249, 19.0050, 30.7775

Complementary

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



24.5475, 19.0050, 34.2728



20.0494, 27.9573, 16.9109

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.



11.9010, 19.0050, 19.2353



24.5475, 19.0050, 34.2728



15.1672, 19.0050, 7.3076

Square

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



24.5475, 19.0050, 34.2728



22.3317, 19.0050, 8.0795



12.8357, 19.0050, 11.2785



14.3774, 19.0050, 42.2987

Rectangle

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



24.5475, 19.0050, 34.2728



25.7411, 19.0050, 15.6750



12.8357, 19.0050, 11.2785



12.0883, 19.0050, 26.6822

Sweetspot

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



24.5481, 19.0058, 34.2732



52.3273, 50.4154, 64.0999



16.4997, 15.1271, 33.9487



11.4013, 10.8716, 14.0679



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.5481, 19.0058, 34.2732



41.8925, 30.0105, 60.7114



22.7760, 18.3194, 23.9277



6.8922, 6.7484, 8.3460



15.7926, 7.5704, 26.5361



0.2857, 0.1371, 0.4746

Inverse Universe

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



21.1048, 17.6509, 15.1274



34.8007, 27.2228, 21.1505



21.4115, 28.4889, 24.6784



6.6377, 6.6480, 6.9433



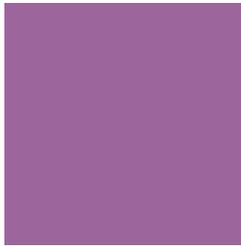
11.3073, 5.8275, 0.6034



0.2034, 0.1047, 0.0175

Previews

White Background



This preview shows how the XYZ color 24.5475, 19.0050, 34.2728 looks on a white background.

Color Contrast Check

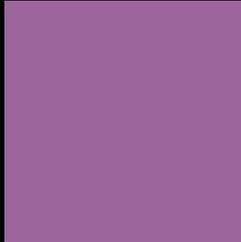
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5475, 19.0050, 34.2728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

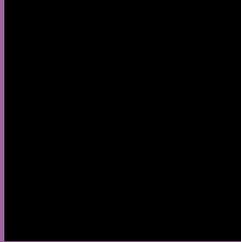
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

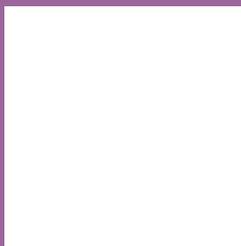
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5475, 19.0050, 34.2728

Background



This preview shows how black text looks on a background with the XYZ color 24.5475, 19.0050, 34.2728.



This preview shows how white text looks on a background with the XYZ color 24.5475, 19.0050,

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

24.5475, 19.0050, 34.2728

Protanopia

19.6782, 19.0992, 40.6796

Deuteranopia

19.6320, 19.2397, 33.2508



Tritanopia

21.6084, 19.0392, 19.6756

Trichromacy



Original Color

24.5475, 19.0050, 34.2728

Protanomaly

21.0088, 18.8120, 38.1211

Deuteranomaly

21.1816, 19.0021, 33.5617

Tritanomaly

22.5594, 18.9536, 24.2992

Monochromacy



Original Color

24.5475, 19.0050, 34.2728

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.8427, 19.5026, 25.9584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5475, 19.0050, 34.2728 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, 102, 157)` looks like.

```
.text, #text, p{  
    color:rgb(156, 102, 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(156, 102, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 102, 157) }
```

Border

The CSS property to change the border of an element to XYZ 24.5475, 19.0050, 34.2728 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, 102, 157) }
```


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

```
.border{ border-color:rgb(156, 102, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 102, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 102, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 102, 157);  
box-shadow:4px 4px 4px 4px rgb(156, 102,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5475, 19.0050, 34.2728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 102, 157) }
```

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

```
.background{ background-color: rgb(156,  
102, 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](#).

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