

Converting Colors

XYZ(26.3356, 20.0349, 38.8136)

Have a look what the booklet for
XYZ(26.3356, 20.0349, 38.8136)
contains.

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Color

**XYZ(26.3225, 19.9641,
39.0253)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A067A7 |
| RGB | 160, 103, 167 |
| RGB Percent | 63%, 40%, 65% |
| CMY | 0.3725, 0.5961, 0.3451 |
| CMYK | 0.04, 0.38, 0.00, 0.35 |
| HSL | 293°, 27%, 53% |
| HSV | 293°, 38%, 65% |
| XYZ | 26.3225, 19.9641, 39.0253 |
| YIQ | 127.3390, 13.4280, 31.9880 |

Conversions

Conversions Part 2

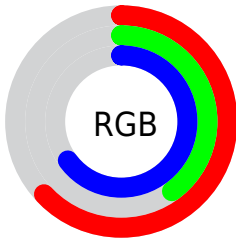
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 160, 103, 167 |
| Decimal | 10512295 |
| CIE _{Lab} | 51.80, 33.68, -25.18 |
| CIE _{LCh} | 52, 42.053, 323.226 |
| Yxy | 19.9641, 0.3085, 0.2340 |
| Android (android.graphics.Color) | 4288702375 (0xFFA067A7) |
| YUV | 127.3390, 19.5529, 28.6437 |
| Hunter-Lab | 44.6812, 26.9654, -20.5080 |

Details

The XYZ color **26.3225, 19.9641, 39.0253** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.6980, 31.9322, 17.8001**, and the grayscale version is **20.2215, 21.2746, 23.1680**.

A 20% lighter version of the original color is **53.2251, 43.3155, 74.6627**, and **10.4771, 7.0019, 17.0190** is the 20% darker color. If you saturate the color by 10%, you get **24.4621, 16.7810, 38.5093**, and if you desaturate by 10%, it is **28.5213, 23.8152, 39.6530**.

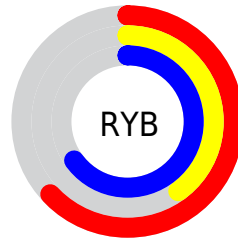
Distribution



Red (63%)

Green (40%)

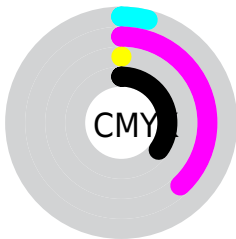
Blue (65%)



Red (63%)

Yellow (40%)

Blue (65%)

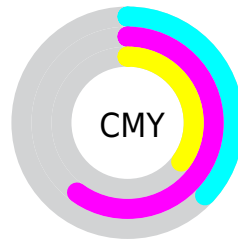


Cyan (4%)

Magenta (38%)

Yellow (0%)

Black (35%)



Cyan (37%)


Magenta (60%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3225, 19.9641, 39.0253 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 26.3225, 19.9641, 39.0253 by changing the saturation by 10% instead.

 26.3225, 19.9641,
39.0253


 26.3225, 19.9641,
39.0253


276.5894,
251.7207, 357.4272


 17.1990, 12.3690,
26.4714


 53.2224, 43.3570,
74.8977

 10.4727, 6.9955,
16.9477


 71.7294, 59.9235,
99.0534

 5.7781, 3.4593,
10.0357


 94.0951, 80.2493,
127.9134

 2.7500, 1.3759,
5.3167

 120.6847,
104.7187, 161.8962

 1.0230, 0.1989,
2.3723

151.8635,
133.7162, 201.4205

 0.0000, 0.0000,
0.7713

187.9970,

 0.0000, 0.0000,

167.6261, 246.9047

0.0000

229.4505,
206.8328, 298.7674

■ 26.3225, 19.9641,
39.0253

■ 26.3225, 19.9641,
39.0253

■ 24.4621, 16.7810,
38.5093

■ 28.5213, 23.8152,
39.6530

■ 22.9183, 14.2236,
38.0970

■ 31.0748, 28.3681,
40.3973

■ 21.6698, 12.2488,
37.7816

■ 34.0006, 33.6575,
41.2640

■ 20.6916, 10.8068,
37.5548

■ 37.3144, 39.7150,
42.2586

■ 19.9548, 9.8398,
37.4070

■ 41.0312, 46.5704,
43.3859

■ 19.4077, 9.2444,
37.3209

■ 45.1651, 54.2518,
44.6507

■ 19.3214, 9.1548,
37.3082

■ 49.7295, 62.7860,
46.0574

■ 54.7372, 72.1986,
47.6103

■ 60.2005, 82.5142,
49.3134

Harmonies

Analogous

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



22.3926, 19.9641, 51.2110



26.3225, 19.9641, 39.0253



28.3279, 19.9641, 24.6241

Triad

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



26.3225, 19.9641, 39.0253



19.9581, 19.9641, 5.7720



12.3988, 19.9641, 32.3642

Complementary

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



26.3225, 19.9641, 39.0253



22.6980, 31.9322, 17.8001

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.



11.9476, 19.9641, 19.0858



26.3225, 19.9641, 39.0253



15.9246, 19.9641, 6.5200

Square

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



26.3225, 19.9641, 39.0253



24.3142, 19.9641, 7.8403



13.1408, 19.9641, 10.5000



14.4814, 19.9641, 46.4657

Rectangle

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



26.3225, 19.9641, 39.0253



28.1194, 19.9641, 16.7996



13.1408, 19.9641, 10.5000



12.0656, 19.9641, 27.5590

Sweetspot

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



26.3232, 19.9650, 39.0257



59.3145, 57.4134, 73.4310



18.1958, 16.9274, 38.8678



13.1188, 12.5679, 16.3865



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.



26.3232, 19.9650, 39.0257



44.2691, 30.8295, 69.0927



25.7048, 19.8839, 28.2591



7.7599, 7.6244, 9.4810



14.8100, 7.0183, 28.5496



0.3825, 0.1822, 0.6957

Inverse Universe

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



23.6017, 19.0426, 17.1843



38.8005, 29.0037, 23.9580



23.2785, 32.0677, 25.2250



7.5632, 7.5552, 8.0172



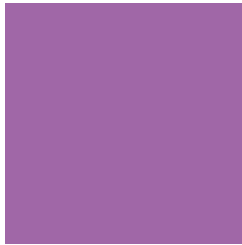
12.2895, 6.3245, 1.0702



0.3089, 0.1578, 0.0783

Previews

White Background



This preview shows how the XYZ color 26.3225, 19.9641, 39.0253 looks on a white background.

Color Contrast Check

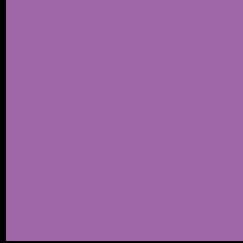
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3225, 19.9641, 39.0253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

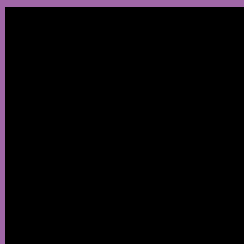
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.3225, 19.9641, 39.0253

Background



This preview shows how black text looks on a background with the XYZ color 26.3225, 19.9641, 39.0253.



This preview shows how white text looks on a background with the XYZ color 26.3225, 19.9641,

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

26.3225, 19.9641, 39.0253

Protanopia

21.1120, 20.2395, 47.0499

Deuteranopia

20.5098, 20.1408, 37.4569



Tritanopia

22.6827, 20.0608, 20.7658

Trichromacy



Original Color

26.3225, 19.9641, 39.0253

Protanomaly

22.3787, 19.7209, 44.2220

Deuteranomaly

22.1916, 19.7671, 37.7678

Tritanomaly

23.7664, 19.8402, 26.6217

Monochromacy



Original Color

26.3225, 19.9641, 39.0253

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.0084, 20.3988, 28.3686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3225, 19.9641, 39.0253 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, 103, 167)` looks like.

```
.text, #text, p{  
    color:rgb(160, 103, 167)  
}
```

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, 103, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 103, 167) }
```

Border

The CSS property to change the border of an element to XYZ 26.3225, 19.9641, 39.0253 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, 103, 167) }
```


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

```
.border{ border-color:rgb(160, 103, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 103, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 103, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 103, 167);  
box-shadow:4px 4px 4px 4px rgb(160, 103,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3225, 19.9641, 39.0253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 103, 167) }
```

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

```
.background{ background-color: rgb(160,  
103, 167) }
```

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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