

Converting Colors

XYZ(26.2827, 19.8816, 41.5833)

Have a look what the booklet for
XYZ(26.2827, 19.8816, 41.5833)
contains.

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Color

**XYZ(26.2013, 19.8472,
41.4797)**

Conversions

Conversions Part 1

Format	Color
Hex	9D67AC
RGB	157, 103, 172
RGB Percent	62%, 40%, 67%
CMY	0.3843, 0.5961, 0.3255
CMYK	0.09, 0.40, 0.00, 0.33
HSL	287°, 29%, 54%
HSV	287°, 40%, 67%
XYZ	26.2013, 19.8472, 41.4797
YIQ	127.0120, 10.0350, 32.9070

Conversions

Conversions Part 2

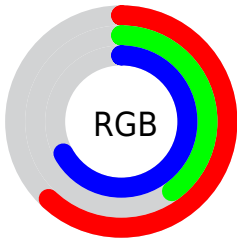
Format	Color
R _Y B	157, 103, 172
Decimal	10315692
CIE _{Lab}	51.66, 33.76, -28.32
CIE _{LCh}	52, 44.063, 320.001
Yxy	19.8472, 0.2993, 0.2268
Android (android.graphics.Color)	4288505772 (0xFF9D67AC)
YUV	127.0120, 22.1791, 26.2995
Hunter-Lab	44.5502, 27.0183, -24.0185

Details

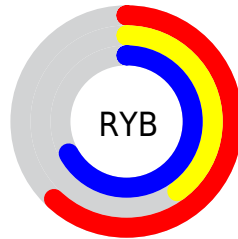
The XYZ color **26.2013, 19.8472, 41.4797** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.6726, 34.3364, 18.1601**, and the grayscale version is **20.1014, 21.1483, 23.0305**.

A 20% lighter version of the original color is **53.1655, 43.1903, 78.9332**, and **10.3579, 6.9133, 18.2412** is the 20% darker color. If you saturate the color by 10%, you get **23.9450, 16.4007, 40.9337**, and if you desaturate by 10%, it is **28.8332, 24.0107, 42.1449**.

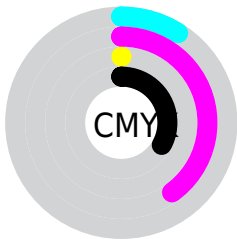
Distribution



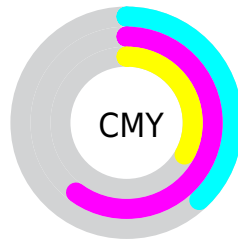
- Red (62%)
- Green (40%)
- Blue (67%)



- Red (62%)
- Yellow (40%)
- Blue (67%)



- Cyan (9%)
- Magenta (40%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2013, 19.8472, 41.4797 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 26.2013, 19.8472, 41.4797 by changing the saturation by 10% instead.

■ 26.2013, 19.8472,
41.4797

■ 26.2013, 19.8472,
41.4797

276.0075,
251.0867, 368.0574

■ 17.1078, 12.2840,
28.3716

■ 53.0285, 43.1609,
78.6731

■ 10.4071, 6.9374,
18.3645

■ 71.4929, 59.6801,
103.5955

■ 5.7341, 3.4230,
11.0398

■ 93.8116, 79.9535,
133.2931

■ 2.7232, 1.3563,
5.9791

■ 120.3500,
104.3655, 168.1844

■ 1.0091, 0.1842,
2.7638

151.4734,
133.3004, 208.6879

■ 0.0000, 0.0000,
0.9753

187.5472,

■ 0.0000, 0.0000,

167.1427, 255.2222

0.0000

228.9368,
206.2766, 308.2059

■ 26.2013, 19.8472,
41.4797

■ 26.2013, 19.8472,
41.4797

■ 23.9450, 16.4007,
40.9337

■ 28.8332, 24.0107,
42.1449

■ 22.0404, 13.6251,
40.4983

■ 31.8587, 28.9286,
42.9347

■ 20.4637, 11.4729,
40.1660

■ 35.2971, 34.6385,
43.8556

■ 19.1874, 9.8891,
39.9276

■ 39.1657, 41.1749,
44.9134

■ 18.1789, 8.8090,
39.7722

■ 43.4810, 48.5703,
46.1134

■ 17.3754, 8.0971,
39.6772

■ 48.2583, 56.8553,
47.4608

■ 53.5124, 66.0589,
48.9603

■ 59.2573, 76.2091,
50.6167

■ 64.6053, 85.5301,
52.1340

Harmonies

Analogous

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



21.9424, 19.8472, 53.7526



26.2013, 19.8472, 41.4797



28.5993, 19.8472, 26.1465

Triad

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



26.2013, 19.8472, 41.4797



20.3879, 19.8472, 5.3532



11.9165, 19.8472, 31.1144

Complementary

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



26.2013, 19.8472, 41.4797



24.6726, 34.3364, 18.1601

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.



11.6347, 19.8472, 17.6315



26.2013, 19.8472, 41.4797



16.0882, 19.8472, 5.8010

Square

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



26.2013, 19.8472, 41.4797



24.9108, 19.8472, 7.7561



13.0431, 19.8472, 9.3829



13.8849, 19.8472, 46.3195

Rectangle

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



26.2013, 19.8472, 41.4797



28.5992, 19.8472, 17.6304



13.0431, 19.8472, 9.3829



11.6347, 19.8472, 26.1480

Sweetspot

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



26.2020, 19.8480, 41.4801



62.6595, 60.5405, 79.1887



19.6495, 19.0805, 41.6773



13.4440, 12.8677, 17.1628



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.



26.2020, 19.8480, 41.4801



43.9171, 30.4689, 74.3722



27.6636, 20.7918, 32.9533



8.1641, 8.0589, 10.0779



12.9778, 6.0502, 29.5283



0.4029, 0.1899, 0.8234

Inverse Universe

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



25.1342, 19.7800, 19.6337



41.9309, 30.4578, 28.5199



23.8225, 33.7795, 23.4835



8.0739, 8.0428, 8.6998



12.9311, 6.6350, 2.0165



0.3795, 0.1925, 0.1604

Previews

White Background



This preview shows how the XYZ color 26.2013, 19.8472, 41.4797 looks on a white background.

Color Contrast Check

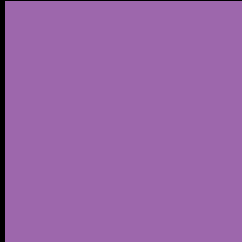
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2013, 19.8472, 41.4797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

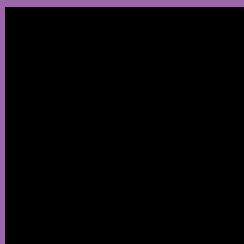
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2013, 19.8472, 41.4797

Background



This preview shows how black text looks on a background with the XYZ color 26.2013, 19.8472, 41.4797.



This preview shows how white text looks on a background with the XYZ color 26.2013, 19.8472,

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

26.2013, 19.8472, 41.4797

Protanopia

21.1738, 20.0293, 49.7638

Deuteranopia

20.4578, 20.0612, 39.8397



Tritanopia

22.1078, 19.9238, 21.0928

Trichromacy



Original Color

26.2013, 19.8472, 41.4797

Protanomaly

22.3460, 19.4770, 46.8376

Deuteranomaly

22.0446, 19.6381, 40.1648

Tritanomaly

23.4464, 19.8176, 27.4004

Monochromacy



Original Color

26.2013, 19.8472, 41.4797

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.9176, 20.3433, 28.7581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2013, 19.8472, 41.4797 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(157, 103, 172)` looks like.

```
.text, #text, p{  
    color:rgb(157, 103, 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(157, 103, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 103, 172) }
```

Border

The CSS property to change the border of an element to XYZ 26.2013, 19.8472, 41.4797 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(157, 103, 172) }
```


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

```
.border{ border-color:rgb(157, 103, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 103, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 103, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 103, 172);  
box-shadow:4px 4px 4px 4px rgb(157, 103,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2013, 19.8472, 41.4797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 103, 172) }
```

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

```
.background{ background-color: rgb(157,  
103, 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](#).

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