

Converting Colors

XYZ(26.6371, 21.0188, 40.3876)

Have a look what the booklet for
XYZ(26.6371, 21.0188, 40.3876)
contains.

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Color

**XYZ(26.5347, 20.9699,
40.1852)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6DA9
RGB	157, 109, 169
RGB Percent	62%, 43%, 66%
CMY	0.3843, 0.5725, 0.3373
CMYK	0.07, 0.36, 0.00, 0.34
HSL	288°, 26%, 55%
HSV	288°, 36%, 66%
XYZ	26.5347, 20.9699, 40.1852
YIQ	130.1920, 9.3480, 28.8360

Conversions

Conversions Part 2

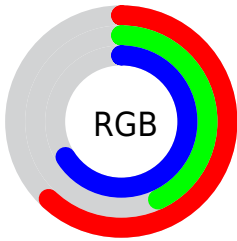
Format	Color
R_{YB}	157, 109, 169
Decimal	10317225
CIE _{Lab}	52.92, 29.73, -24.64
CIE _{LCh}	53, 38.613, 320.350
Yxy	20.9699, 0.3026, 0.2391
Android (android.graphics.Color)	4288507305 (0xFF9D6DA9)
YUV	130.1920, 19.1323, 23.5106
Hunter-Lab	45.7929, 23.2943, -19.9744

Details

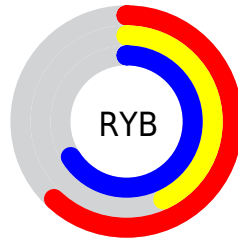
The XYZ color **26.5347, 20.9699, 40.1852** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.8341, 33.5455, 19.6349**, and the grayscale version is **21.2187, 22.3237, 24.3105**.

A 20% lighter version of the original color is **53.3508, 44.8686, 76.3696**, and **10.6524, 7.5193, 17.7196** is the 20% darker color. If you saturate the color by 10%, you get **24.2521, 17.3697, 39.6109**, and if you desaturate by 10%, it is **29.1836, 25.2745, 40.8768**.

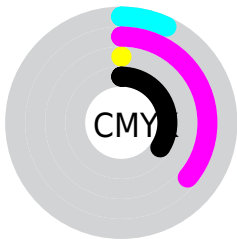
Distribution



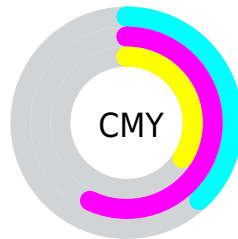
- Red (62%)
- Green (43%)
- Blue (66%)



- Red (62%)
- Yellow (43%)
- Blue (66%)



- Cyan (7%)
- Magenta (36%)
- Yellow (0%)
- Black (34%)



- Cyan (38%)
- Magenta (57%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5347, 20.9699, 40.1852 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 26.5347, 20.9699, 40.1852 by changing the saturation by 10% instead.

■ 26.5347, 20.9699,
40.1852

■ 26.5347, 20.9699,
40.1852

277.6059,
257.1185, 362.4788

■ 17.3589, 13.1020,
27.3681

■ 53.5615, 45.0374,
76.6856

■ 10.5876, 7.4988,
17.6150

■ 72.1431, 62.0059,
101.2060

■ 5.8555, 3.7760,
10.5073

■ 94.5907, 82.7766,
130.4646

■ 2.7972, 1.5490,
5.6266

■ 121.2697,
107.7340, 164.8798

■ 1.0475, 0.3229,
2.5543

152.5453,
137.2625, 204.8703

■ 0.0000, 0.0000,
0.8687

188.7830,

■ 0.0000, 0.0000,

171.7465, 250.8547

0.0000

230.3481,
211.5704, 303.2513

■ 26.5347, 20.9699,
40.1852

■ 26.5347, 20.9699,
40.1852

■ 24.2521, 17.3697,
39.6109

■ 29.1836, 25.2745,
40.8768

■ 22.3136, 14.4313,
39.1459

■ 32.2151, 30.3177,
41.6904

■ 20.6977, 12.1116,
38.7833

■ 35.6471, 36.1344,
42.6323

■ 19.3797, 10.3612,
38.5149

■ 39.4959, 42.7567,
43.7077

■ 18.3310, 9.1231,
38.3312

■ 43.7765, 50.2148,
44.9216

■ 17.5150, 8.3245,
38.2201

■ 48.5034, 58.5375,
46.2789

■ 17.1856, 8.0322,
38.1810

■ 53.6903, 67.7518,
47.7841

■ 59.3505, 77.8840,
49.4415

■ 63.5181, 85.0025,
50.5958

Harmonies

Analogous

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



22.7583, 20.9699, 50.7077



26.5347, 20.9699, 40.1852



28.6176, 20.9699, 26.7708

Triad

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



26.5347, 20.9699, 40.1852



21.2627, 20.9699, 7.1676



13.4960, 20.9699, 31.4815

Complementary

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



26.5347, 20.9699, 40.1852



24.8341, 33.5455, 19.6349

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.



13.2088, 20.9699, 19.3010



26.5347, 20.9699, 40.1852



17.3486, 20.9699, 7.6754

Square

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



26.5347, 20.9699, 40.1852



25.3135, 20.9699, 9.6243



14.5257, 20.9699, 11.3707



15.3717, 20.9699, 44.6179

Rectangle

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



26.5347, 20.9699, 40.1852



28.5966, 20.9699, 19.0622



14.5257, 20.9699, 11.3707



13.2213, 20.9699, 27.0701

Sweetspot

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



26.5354, 20.9708, 40.1857



60.2511, 58.6077, 75.3619



20.3063, 19.7914, 40.2863



12.9627, 12.4874, 16.3792



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.



26.5354, 20.9708, 40.1857



44.0968, 32.1379, 71.1042



27.4173, 21.6075, 32.0044



7.6928, 7.5897, 9.4779



12.8522, 6.0090, 28.4580



0.3491, 0.1649, 0.6941

Inverse Universe

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



25.2826, 20.7536, 20.7632



41.6609, 31.7835, 30.2687



24.3261, 33.1600, 25.1979



7.5902, 7.5659, 8.1591



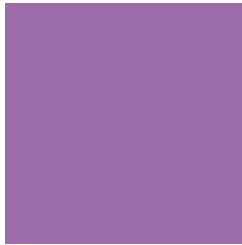
12.4237, 6.3782, 1.7766



0.3190, 0.1619, 0.1316

Previews

White Background



This preview shows how the XYZ color 26.5347, 20.9699, 40.1852 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 26.5347, 20.9699, 40.1852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

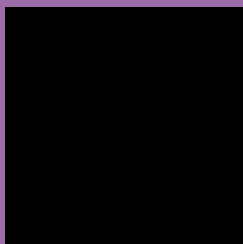
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5347, 20.9699, 40.1852

Background



This preview shows how black text looks on a background with the XYZ color 26.5347, 20.9699, 40.1852.



This preview shows how white text looks on a background with the XYZ color 26.5347, 20.9699,

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

26.5347, 20.9699, 40.1852

Protanopia

21.9808, 21.2546, 46.6601

Deuteranopia

21.6878, 21.2720, 39.0392



Tritanopia

23.0717, 21.0685, 22.9293

Trichromacy



Original Color

26.5347, 20.9699, 40.1852

Protanomaly

23.1368, 20.8036, 44.3910

Deuteranomaly

23.0876, 20.8892, 39.3744

Tritanomaly

24.1501, 20.9868, 28.3692

Monochromacy



Original Color

26.5347, 20.9699, 40.1852

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.8088, 21.5081, 29.3349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5347, 20.9699, 40.1852 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, 109, 169)` looks like.

```
.text, #text, p{  
    color:rgb(157, 109, 169)  
}
```

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, 109, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 109, 169) }
```

Border

The CSS property to change the border of an element to XYZ 26.5347, 20.9699, 40.1852 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, 109, 169) }
```


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

```
.border{ border-color:rgb(157, 109, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 109, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 109, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 109, 169);  
box-shadow:4px 4px 4px 4px rgb(157, 109,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5347, 20.9699, 40.1852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 109, 169) }
```

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

```
.background{ background-color: rgb(157,  
109, 169) }
```

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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