

Converting Colors

XYZ(26.6600, 17.4753, 40.2607)

Have a look what the booklet for
XYZ(26.6600, 17.4753, 40.2607)
contains.

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Color

**XYZ(26.8061, 17.5618,
40.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	A953AB
RGB	169, 83, 171
RGB Percent	66%, 33%, 67%
CMY	0.3373, 0.6745, 0.3294
CMYK	0.01, 0.51, 0.00, 0.33
HSL	299°, 35%, 50%
HSV	299°, 51%, 67%
XYZ	26.8061, 17.5618, 40.5050
YIQ	118.7460, 23.0080, 45.6000

Conversions

Conversions Part 2

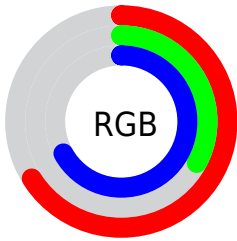
Format	Color
R_{YB}	169, 83, 171
Decimal	11097003
CIE _{Lab}	48.96, 47.89, -31.84
CIE _{LCh}	49, 57.512, 326.384
Yxy	17.5618, 0.3158, 0.2069
Android (android.graphics.Color)	4289287083 (0xFFA953AB)
YUV	118.7460, 25.7612, 44.0728
Hunter-Lab	41.9068, 40.8424, -27.9720

Details

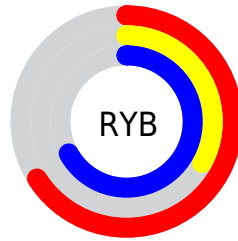
The XYZ color **26.8061, 17.5618, 40.5050** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **19.8711, 31.6821, 13.2524**, and the grayscale version is **17.3712, 18.2758, 19.9024**.

A 20% lighter version of the original color is **54.0333, 39.3231, 77.4153**, and **10.6488, 5.7641, 17.6909** is the 20% darker color. If you saturate the color by 10%, you get **25.5725, 15.2178, 40.1178**, and if you desaturate by 10%, it is **28.3638, 20.5528, 41.0005**.

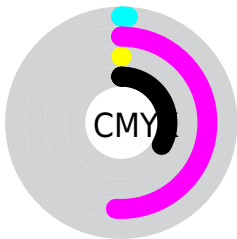
Distribution



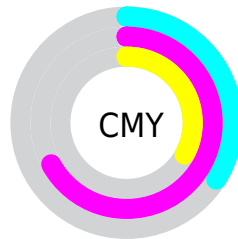
- Red (66%)
- Green (33%)
- Blue (67%)



- Red (66%)
- Yellow (33%)
- Blue (67%)



- Cyan (1%)
- Magenta (51%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (67%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8061, 17.5618, 40.5050 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 26.8061, 17.5618, 40.5050 by changing the saturation by 10% instead.

■ 26.8061, 17.5618,
40.5050

■ 26.8061, 17.5618,
40.5050

278.9018,
238.3894, 363.8627

■ 17.5635, 10.6358,
27.6157

■ 53.9947, 39.2892,
77.1774

■ 10.7348, 5.8225,
17.7997

■ 72.6713, 54.8595,
101.7976

■ 5.9548, 2.7375,
10.6383

■ 95.2233, 74.0799,
131.1651

■ 2.8580, 0.9963,
5.7131

■ 122.0161, 97.3350,
165.6986

■ 1.0791, 0.0000,
2.6055

■ 153.4150,
125.0091, 205.8166

■ 0.0075, 0.0000,
0.8953

189.7853,

■ 0.0000, 0.0000,

157.4866, 251.9376

0.0000

231.4925,
195.1519, 304.4801

■ 26.8061, 17.5618,
40.5050

■ 26.8061, 17.5618,
40.5050

■ 25.5725, 15.2178,
40.1178

■ 28.3638, 20.5528,
41.0005

■ 24.6370, 13.4700,
39.8298

■ 30.2655, 24.2319,
41.6104

■ 23.9727, 12.2642,
39.6320

■ 32.5316, 28.6394,
42.3417

■ 23.5469, 11.5351,
39.5138

■ 35.1804, 33.8120,
43.2005

■ 23.3114, 11.1683,
39.4554

■ 38.2290, 39.7838,
44.1925

■ 41.6935, 46.5870,
45.3230

■ 45.5890, 54.2519,
46.5972

■ 49.9300, 62.8072,
48.0197

■ 54.7301, 72.2806,
49.5953

Harmonies

Analogous

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



21.6927, 17.5618, 59.5105



26.8061, 17.5618, 40.5050



29.2050, 17.5618, 21.0402

Triad

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



26.8061, 17.5618, 40.5050



17.3490, 17.5618, 2.2158



9.0693, 17.5618, 35.4266

Complementary

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



26.8061, 17.5618, 40.5050



19.8711, 31.6821, 13.2524

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.



8.3874, 17.5618, 17.3237



26.8061, 17.5618, 40.5050



12.5257, 17.5618, 3.0109

Square

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



26.8061, 17.5618, 40.5050



23.0582, 17.5618, 3.5857



9.5081, 17.5618, 7.0106



11.6207, 17.5618, 55.6380

Rectangle

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



26.8061, 17.5618, 40.5050



28.6320, 17.5618, 11.9580



9.5081, 17.5618, 7.0106



8.6409, 17.5618, 28.6928

Sweetspot

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



26.8067, 17.5626, 40.5054



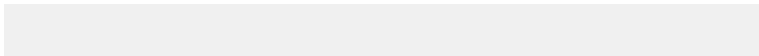
61.1179, 56.8643, 76.7565



14.2412, 11.4251, 39.9830



13.4125, 12.2571, 17.0466



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.



26.8067, 17.5626, 40.5054



45.4892, 26.6711, 71.7524



23.9132, 16.4551, 23.0122



8.3188, 8.1387, 10.0852



17.5796, 8.4225, 29.7437



0.4946, 0.2371, 0.8277

Inverse Universe

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



21.5281, 15.5011, 10.4524



35.0100, 22.5888, 11.6237



21.7731, 32.4222, 24.2023



8.0123, 8.0182, 8.3758



12.6794, 6.5343, 0.6911



0.3551, 0.1827, 0.0315

Previews

White Background



This preview shows how the XYZ color 26.8061, 17.5618, 40.5050 looks on a white 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

Black Background



This preview shows how the XYZ color 26.8061, 17.5618, 40.5050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

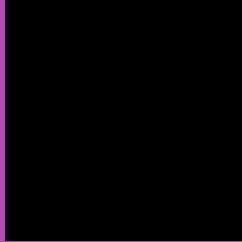
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8061, 17.5618, 40.5050

Background



This preview shows how black text looks on a background with the XYZ color 26.8061, 17.5618, 40.5050.



This preview shows how white text looks on a background with the XYZ color 26.8061, 17.5618,

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

26.8061, 17.5618, 40.5050

Protanopia

19.6037, 17.8612, 55.8404

Deuteranopia

18.1825, 17.8600, 38.0863



Tritanopia

21.7613, 17.5414, 15.8745

Trichromacy



Original Color

26.8061, 17.5618, 40.5050

Protanomaly

20.7374, 16.8420, 49.7348

Deuteranomaly

20.2375, 16.9757, 38.7692

Tritanomaly

23.2535, 17.3329, 23.2391

Monochromacy



Original Color

26.8061, 17.5618, 40.5050

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

20.0580, 17.4614, 26.3580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8061, 17.5618, 40.5050 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(169, 83, 171)` looks like.

```
.text, #text, p{  
    color:rgb(169, 83, 171)  
}
```

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(169, 83, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 83, 171) }
```

Border

The CSS property to change the border of an element to XYZ 26.8061, 17.5618, 40.5050 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(169, 83, 171) }
```


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

```
.border{ border-color:rgb(169, 83, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 83, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 83, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 83, 171);  
box-shadow:4px 4px 4px 4px rgb(169, 83,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8061, 17.5618, 40.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 83, 171) }
```

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

```
.background{ background-color: rgb(169, 83,  
171) }
```

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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