

Converting Colors

XYZ(26.6015, 17.9369, 40.6450)

Have a look what the booklet for
XYZ(26.6015, 17.9369, 40.6450)
contains.

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Color

**XYZ(26.4848, 17.8637,
40.5802)**

Conversions

Conversions Part 1

Format	Color
Hex	A657AB
RGB	166, 87, 171
RGB Percent	65%, 34%, 67%
CMY	0.3490, 0.6588, 0.3294
CMYK	0.03, 0.49, 0.00, 0.33
HSL	296°, 33%, 51%
HSV	296°, 49%, 67%
XYZ	26.4848, 17.8637, 40.5802
YIQ	120.1970, 20.1200, 42.8720

Conversions

Conversions Part 2

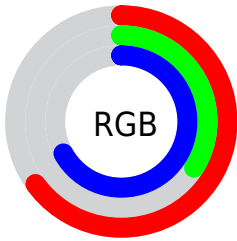
Format	Color
R_{YB}	166, 87, 171
Decimal	10901419
CIE _{Lab}	49.33, 44.98, -31.29
CIE _{LCh}	49, 54.796, 325.178
Yxy	17.8637, 0.3118, 0.2103
Android (android.graphics.Color)	4289091499 (0xFFA657AB)
YUV	120.1970, 25.0459, 40.1692
Hunter-Lab	42.2655, 37.8888, -27.3401

Details

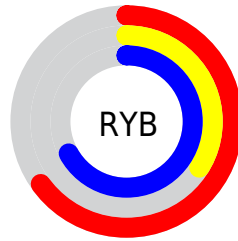
The XYZ color **26.4848, 17.8637, 40.5802** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **20.6974, 32.0897, 14.1208**, and the grayscale version is **17.8341, 18.7629, 20.4328**.

A 20% lighter version of the original color is **53.6746, 39.9902, 77.5630**, and **10.5531, 5.9548, 17.7327** is the 20% darker color. If you saturate the color by 10%, you get **25.0485, 15.3062, 40.1625**, and if you desaturate by 10%, it is **28.2519, 21.0795, 41.1080**.

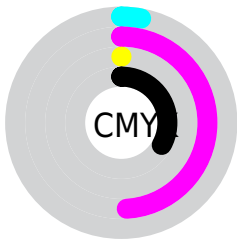
Distribution



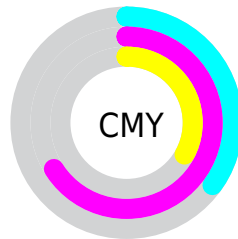
- Red (65%)
- Green (34%)
- Blue (67%)



- Red (65%)
- Yellow (34%)
- Blue (67%)



- Cyan (3%)
- Magenta (49%)
- Yellow (0%)
- Black (33%)





- Cyan (35%)
- Magenta (66%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4848, 17.8637, 40.5802 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 26.4848, 17.8637, 40.5802 by changing the saturation by 10% instead.


 26.4848, 17.8637,
40.5802


 26.4848, 17.8637,
40.5802


277.3671,
240.1017, 364.1875

 17.3213, 10.8522,
27.6740


 53.4818, 39.8049,
77.2929


 10.5605, 5.9675,
17.8432

 72.0459, 55.5034,
101.9366


 5.8373, 2.8253,
10.6692


 94.4743, 74.8664,
131.3297

 2.7861, 1.0412,
5.7335

 121.1322, 98.2782,
165.8909

 1.0417, 0.0000,
2.6175

 152.3851,
126.1232, 206.0388

 0.0000, 0.0000,
0.9015

188.5984,

 0.0000, 0.0000,

158.7859, 252.1918

0.0000

230.1372,
196.6506, 304.7686

■ 26.4848, 17.8637,
40.5802

■ 26.4848, 17.8637,
40.5802

■ 25.0485, 15.3062,
40.1625

■ 28.2519, 21.0795,
41.1080

■ 23.9177, 13.3576,
39.8460

■ 30.3692, 24.9936,
41.7519

■ 23.0663, 11.9653,
39.6221

■ 32.8568, 29.6457,
42.5188

■ 22.4631, 11.0668,
39.4805

■ 35.7327, 35.0719,
43.4146

■ 22.0474, 10.5409,
39.4009

■ 39.0136, 41.3057,
44.4449

■ 22.0131, 10.4990,
39.3946

■ 42.7155, 48.3789,
45.6150

■ 46.8534, 56.3214,
46.9300

■ 51.4414, 65.1617,
48.3945

■ 56.4931, 74.9270,
50.0132

Harmonies

Analogous

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



21.5544, 17.8637, 58.1101



26.4848, 17.8637, 40.5802



28.8945, 17.8637, 21.9358

Triad

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



26.4848, 17.8637, 40.5802



17.8259, 17.8637, 2.6606



9.4957, 17.8637, 34.1987

Complementary

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



26.4848, 17.8637, 40.5802



20.6974, 32.0897, 14.1208

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.



8.8935, 17.8637, 17.1604



26.4848, 17.8637, 40.5802



13.1016, 17.8637, 3.4111

Square

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



26.4848, 17.8637, 40.5802



23.2911, 17.8637, 4.2148



10.0727, 17.8637, 7.3268



11.9246, 17.8637, 53.2992

Rectangle

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



26.4848, 17.8637, 40.5802



28.4540, 17.8637, 12.9249



10.0727, 17.8637, 7.3268



9.0969, 17.8637, 27.8693

Sweetspot

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



26.4854, 17.8645, 40.5806



60.7462, 56.6727, 76.7391



15.1613, 12.7261, 40.1856



13.3186, 12.2087, 17.0422



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.



26.4854, 17.8645, 40.5806



44.6513, 27.0461, 71.8689



24.5484, 17.2131, 24.8037



8.2893, 8.1234, 10.0838



16.6103, 7.9228, 29.6983



0.4759, 0.2275, 0.8268

Inverse Universe

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



22.1351, 16.2478, 12.0955



36.0559, 23.8770, 14.4499



22.0943, 32.5926, 23.9978



8.0239, 8.0228, 8.4364



12.7097, 6.5464, 0.8508



0.3597, 0.1846, 0.0559

Previews

White Background



This preview shows how the XYZ color 26.4848, 17.8637, 40.5802 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 26.4848, 17.8637, 40.5802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

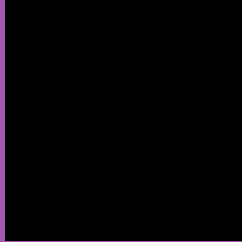
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4848, 17.8637, 40.5802

Background



This preview shows how black text looks on a background with the XYZ color 26.4848, 17.8637, 40.5802.



This preview shows how white text looks on a background with the XYZ color 26.4848, 17.8637,

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

26.4848, 17.8637, 40.5802

Protanopia

19.7274, 18.1329, 54.0900

Deuteranopia

18.4952, 18.0107, 38.5780



Tritanopia

21.6122, 17.8760, 16.7793

Trichromacy



Original Color

26.4848, 17.8637, 40.5802

Protanomaly

20.8539, 17.2257, 48.6802

Deuteranomaly

20.5769, 17.2903, 39.2986

Tritanomaly

23.1375, 17.7924, 24.0446

Monochromacy



Original Color

26.4848, 17.8637, 40.5802

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.3393, 17.9076, 26.8106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4848, 17.8637, 40.5802 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(166, 87, 171)` looks like.

```
.text, #text, p{  
    color:rgb(166, 87, 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(166, 87, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 87, 171) }
```

Border

The CSS property to change the border of an element to XYZ 26.4848, 17.8637, 40.5802 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(166, 87, 171) }
```


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

```
.border{ border-color:rgb(166, 87, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 87, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 87, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 87, 171);  
box-shadow:4px 4px 4px 4px rgb(166, 87,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4848, 17.8637, 40.5802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 87, 171) }
```

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

```
.background{ background-color: rgb(166, 87,  
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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