

Converting Colors

XYZ(26.9046, 17.7996, 40.2600)

Have a look what the booklet for
XYZ(26.9046, 17.7996, 40.2600)
contains.

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Color

**XYZ(26.8664, 17.8343,
40.0566)**

Conversions

Conversions Part 1

Format	Color
Hex	A955AA
RGB	169, 85, 170
RGB Percent	66%, 33%, 67%
CMY	0.3373, 0.6667, 0.3333
CMYK	0.01, 0.50, 0.00, 0.33
HSL	299°, 33%, 50%
HSV	299°, 50%, 67%
XYZ	26.8664, 17.8343, 40.0566
YIQ	119.8060, 22.7790, 44.2430

Conversions

Conversions Part 2

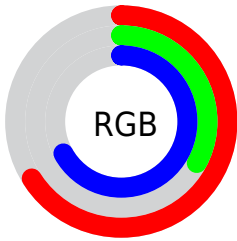
Format	Color
R _Y B	169, 85, 170
Decimal	11097514
CIE Lab	49.29, 46.70, -30.73
CIE LCh	49, 55.903, 326.653
Yxy	17.8343, 0.3170, 0.2104
Android (android.graphics.Color)	4289287594 (0xFFA955AA)
YUV	119.8060, 24.7456, 43.1431
Hunter-Lab	42.2307, 39.6548, -26.6762

Details

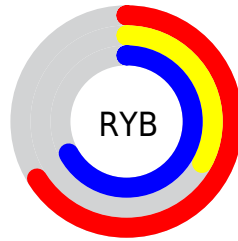
The XYZ color **26.8664, 17.8343, 40.0566** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **19.8528, 31.3842, 13.6066**, and the grayscale version is **17.7097, 18.6320, 20.2903**.

A 20% lighter version of the original color is **54.1800, 39.8367, 76.7852**, and **10.7976, 5.9622, 17.4113** is the 20% darker color. If you saturate the color by 10%, you get **25.6427, 15.4501, 39.6611**, and if you desaturate by 10%, it is **28.4129, 20.8631, 40.5600**.

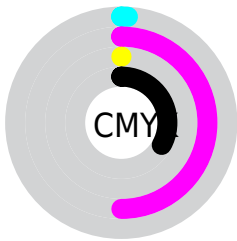
Distribution



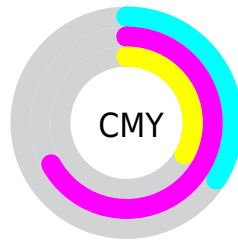
- Red (66%)
- Green (33%)
- Blue (67%)



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



- Cyan (1%)
- Magenta (50%)
- Yellow (0%)
- Black (33%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8664, 17.8343, 40.0566 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 26.8664, 17.8343, 40.0566 by changing the saturation by 10% instead.

 26.8664, 17.8343,
40.0566


 26.8664, 17.8343,
40.0566


279.1890,
239.9354, 361.9213


 17.6090, 10.8311,
27.2686


 54.0908, 39.7548,
76.4877


 10.7676, 5.9534,
17.5408


 72.7885, 55.4408,
100.9679

 5.9769, 2.8167,
10.4548


 95.3637, 74.7899,
130.1825

 2.8716, 1.0368,
5.5920

 122.1817, 98.1865,
164.5501

 1.0862, 0.0000,
2.5339

 153.6079,
126.0150, 204.4892

 0.0135, 0.0000,
0.8580

190.0076,

 0.0000, 0.0000,

158.6597, 250.4185

0.0000

231.7462,
196.5050, 302.7563

■ 26.8664, 17.8343,
40.0566

■ 26.8664, 17.8343,
40.0566

■ 25.6427, 15.4501,
39.6611

■ 28.4129, 20.8631,
40.5600

■ 24.7166, 13.6613,
39.3647

■ 30.3014, 24.5764,
41.1772

■ 24.0620, 12.4156,
39.1587


■ 32.5519, 29.0135,
41.9150


■ 23.6477, 11.6503,
39.0329


■ 35.1822, 34.2100,
42.7794


■ 23.4046, 11.2274,
38.9640


■ 38.2090, 40.1995,
43.7760

 23.4046, 11.2273,
38.9640

 41.6480, 47.0133,
44.9099

 45.5140, 54.6809,
46.1861

 49.8211, 63.2307,
47.6094

 54.5827, 72.6896,
49.1842

Harmonies

Analogous

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



21.8978, 17.8343, 58.4451



26.8664, 17.8343, 40.0566



29.1664, 17.8343, 21.1569

Triad

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



26.8664, 17.8343, 40.0566



17.5476, 17.8343, 2.4900



9.4311, 17.8343, 35.5007

Complementary

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



26.8664, 17.8343, 40.0566



19.8528, 31.3842, 13.6066

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.



8.7346, 17.8343, 17.7781



26.8664, 17.8343, 40.0566



12.8116, 17.8343, 3.3410

Square

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



26.8664, 17.8343, 40.0566



23.1319, 17.8343, 3.8912



9.8357, 17.8343, 7.4622



11.9826, 17.8343, 54.9945

Rectangle

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



26.8664, 17.8343, 40.0566



28.5867, 17.8343, 12.2522



9.8357, 17.8343, 7.4622



8.9984, 17.8343, 28.9444

Sweetspot

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



26.8670, 17.8351, 40.0570



61.2291, 56.9217, 76.7617



14.3639, 11.5567, 39.5041



13.4406, 12.2716, 17.0479



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.



26.8670, 17.8351, 40.0570



46.3170, 27.6276, 71.8934



23.7836, 16.6266, 22.6964



7.8331, 7.6621, 9.4844



17.2201, 8.2607, 28.6624



0.4216, 0.2024, 0.6975

Inverse Universe

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



21.5064, 15.7157, 10.7048



35.4875, 23.3509, 12.3779



21.8930, 32.1897, 24.8270



7.5346, 7.5437, 7.8662



12.2042, 6.2904, 0.6209



0.2980, 0.1535, 0.0208

Previews

White Background



This preview shows how the XYZ color 26.8664, 17.8343, 40.0566 looks on a white background.

Color Contrast Check

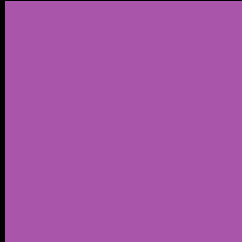
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8664, 17.8343, 40.0566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

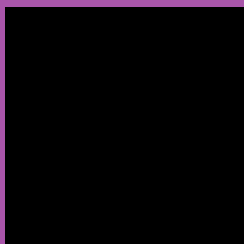
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8664, 17.8343, 40.0566

Background



This preview shows how black text looks on a background with the XYZ color 26.8664, 17.8343, 40.0566.



This preview shows how white text looks on a background with the XYZ color 26.8664, 17.8343,

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

26.8664, 17.8343, 40.0566

Protanopia

19.8409, 18.1783, 54.6876

Deuteranopia

18.4257, 17.9959, 37.6244



Tritanopia

21.9619, 17.7741, 16.4606

Trichromacy



Original Color

26.8664, 17.8343, 40.0566

Protanomaly

21.1224, 17.2015, 49.2207

Deuteranomaly

20.5387, 17.2919, 38.3316

Tritanomaly

23.4988, 17.7156, 23.6537

Monochromacy



Original Color

26.8664, 17.8343, 40.0566

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.3264, 17.7536, 26.4002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8664, 17.8343, 40.0566 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, 85, 170)` looks like.

```
.text, #text, p{  
    color:rgb(169, 85, 170)  
}
```

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, 85, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 85, 170) }
```

Border

The CSS property to change the border of an element to XYZ 26.8664, 17.8343, 40.0566 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, 85, 170) }
```


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

```
.border{ border-color:rgb(169, 85, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 85, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 85, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 85, 170);  
box-shadow:4px 4px 4px 4px rgb(169, 85,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8664, 17.8343, 40.0566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 85, 170) }
```

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

```
.background{ background-color: rgb(169, 85,  
170) }
```

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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