

Converting Colors

XYZ(30.9030, 26.4551, 44.1651)

Have a look what the booklet for
XYZ(30.9030, 26.4551, 44.1651)
contains.

XYZ(30.9741, 26.5328, 44.0463)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.9741, 26.5328,
44.0463)**

Conversions

Conversions Part 1

Format	Color
Hex	A580AF
RGB	165, 128, 175
RGB Percent	65%, 50%, 69%
CMY	0.3529, 0.4980, 0.3137
CMYK	0.06, 0.27, 0.00, 0.31
HSL	287°, 23%, 59%
HSV	287°, 27%, 69%
XYZ	30.9741, 26.5328, 44.0463
YIQ	144.4210, 6.9650, 22.4610

Conversions

Conversions Part 2

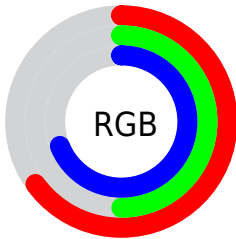
Format	Color
RYB	165, 128, 175
Decimal	10846383
CIELab	58.54, 22.79, -19.40
CIELCh	59, 29.927, 319.592
Yxy	26.5328, 0.3050, 0.2613
Android (android.graphics.Color)	4289036463 (0xFFA580AF)
YUV	144.4210, 15.0754, 18.0478
Hunter-Lab	51.5100, 17.1935, -14.6420

Details

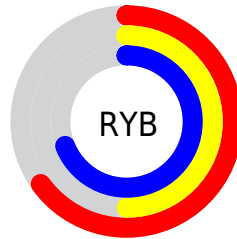
The XYZ color **30.9741, 26.5328, 44.0463** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.7084, 37.6224, 26.1193**, and the grayscale version is **26.6188, 28.0050, 30.4975**.

A 20% lighter version of the original color is **60.4629, 54.0329, 82.8440**, and **13.0473, 10.3646, 19.7253** is the 20% darker color. If you saturate the color by 10%, you get **28.1224, 21.9620, 43.3147**, and if you desaturate by 10%, it is **34.2437, 31.9049, 44.9113**.

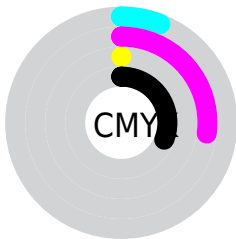
Distribution



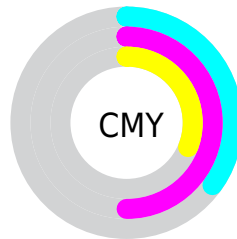
- Red (65%)
- Green (50%)
- Blue (69%)



- Red (65%)
- Yellow (50%)
- Blue (69%)



- Cyan (6%)
- Magenta (27%)
- Yellow (0%)
- Black (31%)



- Cyan (35%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9741, 26.5328, 44.0463 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 30.9741, 26.5328, 44.0463 by changing the saturation by 10% instead.

■ 30.9741, 26.5328,
44.0463

■ 30.9741, 26.5328,
44.0463

298.2480,
285.3878, 378.9441

■ 20.7309, 17.2227,
30.3694

■ 60.5754, 54.1332,
82.5906

■ 13.0387, 10.3934,
19.8648

■ 80.6642, 73.1923,
108.2952

■ 7.5324, 5.6605,
12.1137

■ 104.7655, 96.2699,
138.8461

■ 3.8465, 2.6398,
6.6977

133.2448,
123.7502, 174.6618

■ 1.6157, 0.9467,
3.1982

166.4673,
156.0178, 216.1609

■ 0.4026, 0.0000,
1.1967

204.7984,

■ 0.0000, 0.0000,

193.4570, 263.7620

0.0000

248.6035,
236.4522, 317.8835

■ 30.9741, 26.5328,
44.0463

■ 30.9741, 26.5328,
44.0463

■ 28.1224, 21.9620,
43.3147

■ 34.2437, 31.9049,
44.9113

■ 25.6657, 18.1485,
42.7081

■ 37.9476, 38.1123,
45.9142

■ 23.5826, 15.0494,
42.2197

■ 42.1044, 45.1916,
47.0616

■ 21.8487, 12.6159,
41.8414

■ 46.7309, 53.1758,
48.3589

■ 20.4363, 10.7932,
41.5641

■ 51.8428, 62.0964,
49.8113

■ 19.3135, 9.5175,
41.3770

■ 57.4553, 71.9833,
51.4238

■ 18.4347, 8.6982,
41.2652

■ 63.5827, 82.8650,
53.2012

■ 18.1806, 8.4786,
41.2362

■ 65.9490, 86.1891,
53.7182

■ 66.9219, 86.6906,
53.7637

Harmonies

Analogous

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



27.6562, 26.5328, 52.3794



30.9741, 26.5328, 44.0463



32.8040, 26.5328, 32.6912

Triad

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



30.9741, 26.5328, 44.0463



26.5132, 26.5328, 13.2390



19.1452, 26.5328, 36.1993

Complementary

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



30.9741, 26.5328, 44.0463



29.7084, 37.6224, 26.1193

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.



18.9032, 26.5328, 25.3950



30.9741, 26.5328, 44.0463



22.9287, 26.5328, 13.7424

Square

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



30.9741, 26.5328, 44.0463



30.0680, 26.5328, 16.0860



20.2243, 26.5328, 17.6826



20.9209, 26.5328, 47.1431

Rectangle

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



30.9741, 26.5328, 44.0463



32.8248, 26.5328, 25.6556



20.2243, 26.5328, 17.6826



18.8888, 26.5328, 32.3848

Sweetspot

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



30.9749, 26.5339, 44.0469



67.0664, 66.7450, 81.9852



25.7558, 25.9151, 44.2025



14.6792, 14.4524, 18.1602



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.9749, 26.5339, 44.0469



52.4746, 42.6848, 78.1102



31.8926, 27.1508, 37.5955



8.1678, 8.0608, 10.0781



13.0724, 6.0989, 29.5327



0.4049, 0.1909, 0.8235

Inverse Universe

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



29.9867, 26.3884, 27.5589



50.5070, 42.4356, 43.4490



29.0643, 37.1824, 30.9692



8.0724, 8.0422, 8.6920



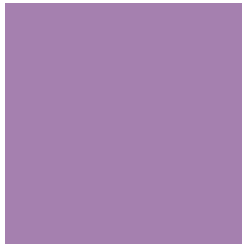
12.9215, 6.6311, 1.9661



0.3790, 0.1923, 0.1574

Previews

White Background



This preview shows how the XYZ color 30.9741, 26.5328, 44.0463 looks on a white background.

Color Contrast Check

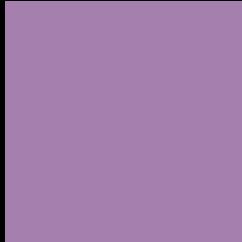
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9741, 26.5328, 44.0463 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 30.9741, 26.5328, 44.0463

Background



This preview shows how black text looks on a background with the XYZ color 30.9741, 26.5328, 44.0463.



This preview shows how white text looks on a background with the XYZ color 30.9741, 26.5328,

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

30.9741, 26.5328, 44.0463

Protanopia

26.8331, 26.5513, 48.5104

Deuteranopia

27.2788, 26.6831, 43.2478



Tritanopia

28.0563, 26.5374, 30.0291

Trichromacy



Original Color

30.9741, 26.5328, 44.0463

Protanomaly

28.0575, 26.3740, 46.7919

Deuteranomaly

28.3778, 26.4021, 43.6448

Tritanomaly

29.0680, 26.5505, 34.6031

Monochromacy



Original Color

30.9741, 26.5328, 44.0463

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.9538, 27.2189, 34.7908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9741, 26.5328, 44.0463 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(165, 128, 175)` looks like.

```
.text, #text, p{  
    color:rgb(165, 128, 175)  
}
```

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(165, 128, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 128, 175) }
```

Border

The CSS property to change the border of an element to XYZ 30.9741, 26.5328, 44.0463 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(165, 128, 175) }
```


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

```
.border{ border-color:rgb(165, 128, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 128, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 128, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 128, 175);  
box-shadow:4px 4px 4px 4px rgb(165, 128,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9741, 26.5328, 44.0463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 128, 175) }
```

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

```
.background{ background-color: rgb(165,  
128, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor