

Converting Colors

XYZ(29.5665, 26.1113, 38.6669)

Have a look what the booklet for
XYZ(29.5665, 26.1113, 38.6669)
contains.

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Color

**XYZ(29.6554, 26.1674,
38.6098)**

Conversions

Conversions Part 1

Format	Color
Hex	A381A4
RGB	163, 129, 164
RGB Percent	64%, 51%, 64%
CMY	0.3608, 0.4941, 0.3569
CMYK	0.01, 0.21, 0.00, 0.36
HSL	298°, 16%, 57%
HSV	298°, 21%, 64%
XYZ	29.6554, 26.1674, 38.6098
YIQ	143.1560, 9.0290, 18.0930

Conversions

Conversions Part 2

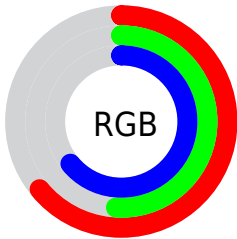
Format	Color
R _Y B	163, 129, 164
Decimal	10715556
CIE Lab	58.20, 19.32, -13.64
CIE LCh	58, 23.644, 324.777
Yxy	26.1674, 0.3140, 0.2771
Android (android.graphics.Color)	4288905636 (0xFFA381A4)
YUV	143.1560, 10.2761, 17.4032
Hunter-Lab	51.1541, 13.9616, -8.9427

Details

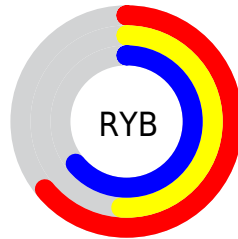
The XYZ color **29.6554, 26.1674, 38.6098** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.4447, 32.8824, 25.7233**, and the grayscale version is **26.1291, 27.4899, 29.9365**.

A 20% lighter version of the original color is **58.4276, 53.4758, 74.2602**, and **12.2762, 10.1413, 16.6397** is the 20% darker color. If you saturate the color by 10%, you get **27.5707, 22.1397, 37.9426**, and if you desaturate by 10%, it is **32.0888, 30.8910, 39.3937**.

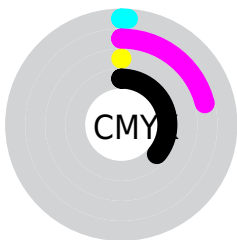
Distribution



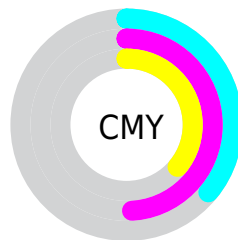
- Red (64%)
- Green (51%)
- Blue (64%)



- Red (64%)
- Yellow (51%)
- Blue (64%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (36%)




- Cyan (36%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.6554, 26.1674, 38.6098 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 29.6554, 26.1674, 38.6098 by changing the saturation by 10% instead.


 29.6554, 26.1674,
38.6098


 29.6554, 26.1674,
38.6098


292.2336,
283.6029, 355.6050

 19.7239, 16.9489,
26.1508


 58.5072, 53.5449,
74.2556

 12.3016, 10.1981,
16.7097


 78.1582, 72.4727,
98.2795

 7.0231, 5.5305,
9.8680

 101.7798, 95.4057,
126.9955

 3.5230, 2.5618,
5.2071

129.7373,
122.7283, 160.8220

 1.4360, 0.9075,
2.3084

162.3961,
154.8249, 200.1777

 0.2817, 0.0000,
0.7359

200.1215,

 0.0000, 0.0000,

192.0800, 245.4811

0.0000

243.2789,
234.8778, 297.1506

■ 29.6554, 26.1674,
38.6098

■ 29.6554, 26.1674,
38.6098

■ 27.5707, 22.1397,
37.9426

■ 32.0888, 30.8910,
39.3937

■ 25.8158, 18.7714,
37.3850

■ 34.8838, 36.3379,
40.2977

■ 24.3736, 16.0281,
36.9315

■ 38.0558, 42.5382,
41.3273

■ 23.2245, 13.8706,
36.5756

■ 41.6185, 49.5193,
42.4870

■ 22.3469, 12.2554,
36.3101

■ 45.5848, 57.3072,
43.7812

■ 21.7160, 11.1330,
36.1267

■ 49.9672, 65.9266,
45.2139

■ 21.3025, 10.4449,
36.0157

■ 54.7775, 75.4014,
46.7892

■ 21.0619, 10.0837,
35.9586

■ 58.3442, 82.3885,
47.9499

■ 58.4432, 82.4395,
47.9545

Harmonies

Analogous

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



27.2555, 26.1674, 45.3780



29.6554, 26.1674, 38.6098



30.7792, 26.1674, 29.9544

Triad

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



29.6554, 26.1674, 38.6098



25.3769, 26.1674, 15.4771



20.1914, 26.1674, 35.6389

Complementary

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



29.6554, 26.1674, 38.6098



26.4447, 32.8824, 25.7233

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.



19.7724, 26.1674, 27.0777



29.6554, 26.1674, 38.6098



22.6304, 26.1674, 16.4201

Square

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



29.6554, 26.1674, 38.6098



28.1906, 26.1674, 17.4364



20.6316, 26.1674, 20.3167



21.8234, 26.1674, 43.4447

Rectangle

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



29.6554, 26.1674, 38.6098



30.5957, 26.1674, 24.6493



20.6316, 26.1674, 20.3167



19.9096, 26.1674, 32.7143

Sweetspot

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



29.6562, 26.1685, 38.6104



60.8138, 61.0720, 72.3352



23.7601, 23.3584, 38.3787



13.2280, 13.2207, 15.7922



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.6562, 26.1685, 38.6104



51.8042, 43.5804, 69.4338



28.4799, 25.7218, 31.3435



7.3442, 7.1918, 8.9041



16.1562, 7.7353, 27.5713



0.3453, 0.1655, 0.5796

Inverse Universe

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



27.1903, 25.2059, 24.5524



46.4575, 41.4952, 38.8638



27.4662, 33.2734, 31.8988



7.0816, 7.0891, 7.4161



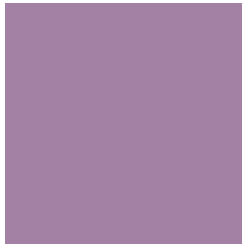
11.7616, 6.0607, 0.6691



0.2495, 0.1283, 0.0263

Previews

White Background



This preview shows how the XYZ color 29.6554, 26.1674, 38.6098 looks on a white background.

Color Contrast Check

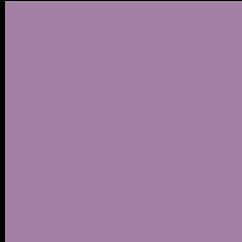
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6554, 26.1674, 38.6098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

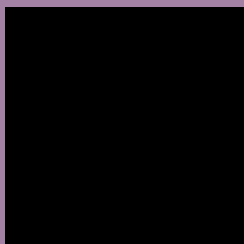
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6554, 26.1674, 38.6098

Background



This preview shows how black text looks on a background with the XYZ color 29.6554, 26.1674, 38.6098.



This preview shows how white text looks on a background with the XYZ color 29.6554, 26.1674,

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

29.6554, 26.1674, 38.6098

Protanopia

26.2562, 26.3921, 42.2384

Deuteranopia

26.8842, 26.3753, 38.3243



Tritanopia

27.8427, 26.2318, 29.5824

Trichromacy



Original Color

29.6554, 26.1674, 38.6098

Protanomaly

27.2335, 26.0844, 40.6452

Deuteranomaly

27.7136, 26.1786, 38.2426

Tritanomaly

28.5351, 26.3140, 32.8533

Monochromacy



Original Color

29.6554, 26.1674, 38.6098

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.2521, 26.8954, 33.0331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6554, 26.1674, 38.6098 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(163, 129, 164)` looks like.

```
.text, #text, p{  
    color:rgb(163, 129, 164)  
}
```

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(163, 129, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 129, 164) }
```

Border

The CSS property to change the border of an element to XYZ 29.6554, 26.1674, 38.6098 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(163, 129, 164) }
```


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

```
.border{ border-color:rgb(163, 129, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 129, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 129, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 129, 164);  
box-shadow:4px 4px 4px 4px rgb(163, 129,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6554, 26.1674, 38.6098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 129, 164) }
```

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

```
.background{ background-color: rgb(163,  
129, 164) }
```

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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