

Converting Colors

XYZ(34.6532, 30.1653, 74.2447)

Have a look what the booklet for
XYZ(34.6532, 30.1653, 74.2447)
contains.

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Color

**XYZ(34.6867, 30.2490,
74.5315)**

Conversions

Conversions Part 1

Format	Color
Hex	928CE0
RGB	146, 140, 224
RGB Percent	57%, 55%, 88%
CMY	0.4274, 0.4510, 0.1216
CMYK	0.35, 0.37, 0.00, 0.12
HSL	244°, 58%, 71%
HSV	244°, 37%, 88%
XYZ	34.6867, 30.2490, 74.5315
YIQ	151.3700, -23.3880, 27.3960

Conversions

Conversions Part 2

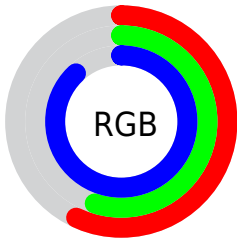
Format	Color
R _Y B	146, 140, 224
Decimal	9604320
CIE Lab	61.87, 21.67, -42.01
CIE LCh	62, 47.265, 297.288
Yxy	30.2490, 0.2487, 0.2169
Android (android.graphics.Color)	4287794400 (0xFF928CE0)
YUV	151.3700, 35.8066, -4.7095
Hunter-Lab	54.9991, 16.3276, -41.8469

Details

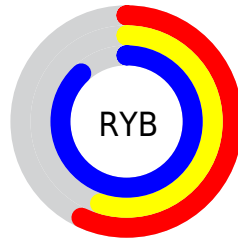
The XYZ color **34.6867, 30.2490, 74.5315** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **60.3032, 70.1107, 35.1664**, and the grayscale version is **29.4333, 30.9661, 33.7221**.

A 20% lighter version of the original color is **61.6989, 58.3601, 102.6205**, and **15.1377, 12.4148, 38.6442** is the 20% darker color. If you saturate the color by 10%, you get **28.3736, 22.6206, 73.3924**, and if you desaturate by 10%, it is **42.3409, 39.5588, 75.9256**.

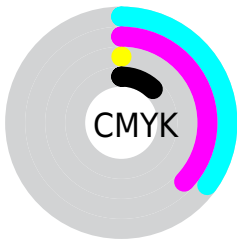
Distribution



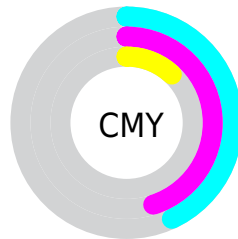
- Red (57%)
- Green (55%)
- Blue (88%)



- Red (57%)
- Yellow (55%)
- Blue (88%)



- Cyan (35%)
- Magenta (37%)
- Yellow (0%)
- Black (12%)



- Cyan (43%)
- Magenta (45%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6867, 30.2490, 74.5315 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 34.6867, 30.2490, 74.5315 by changing the saturation by 10% instead.

■ 34.6867, 30.2490,
74.5315

■ 34.6867, 30.2490,
74.5315

314.7156,
303.0634, 495.5181

■ 23.5870, 20.0277,
54.7297

■ 66.3374, 60.0557,
127.3899

■ 15.1506, 12.4152,
38.7883

■ 87.6190, 80.4099,
161.2837

■ 9.0122, 7.0271,
26.2885

■ 113.0254,
104.9105, 200.7119

■ 4.8063, 3.4790,
16.8119

142.9219,
133.9419, 246.0931

■ 2.1676, 1.3866,
9.9399

177.6738,
167.8885, 297.8457

■ 0.7256, 0.2069,
5.2541

217.6465,

■ 0.0000, 0.0000,

207.1347, 356.3884

2.3357

263.2053,
252.0648, 422.1397

■ 0.0000, 0.0000,
0.7511

■ 0.0000, 0.0000,
0.0000

■ 34.6867, 30.2490,
74.5315

■ 34.6867, 30.2490,
74.5315

■ 28.3736, 22.6206,
73.3924

■ 42.3409, 39.5588,
75.9256

■ 23.3210, 16.5701,
72.4908

■ 51.4038, 50.6384,
77.5865

■ 19.4450, 11.9876,
71.8106

■ 61.9426, 63.5743,
79.5280

■ 16.6499, 8.7479,
71.3326

■ 74.0190, 78.4462,
81.7620

■ 14.8250, 6.7048,
71.0344

■ 87.6914, 95.3292,
84.3001

■ 13.8291, 5.6651,
70.8862

■ 90.4547, 98.1619,
84.7013

■ 13.6684, 5.4920,
70.8613

Harmonies

Analogous

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



28.1800, 30.2490, 81.3342



34.6867, 30.2490, 74.5315



40.2293, 30.2490, 55.5379

Triad

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



34.6867, 30.2490, 74.5315



35.8269, 30.2490, 11.4811



18.2448, 30.2490, 31.3176

Complementary

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



34.6867, 30.2490, 74.5315



60.3032, 70.1107, 35.1664

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.



19.6940, 30.2490, 17.4871



34.6867, 30.2490, 74.5315



29.3292, 30.2490, 8.9759

Square

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



34.6867, 30.2490, 74.5315



40.9525, 30.2490, 19.4234



23.5339, 30.2490, 10.6852



19.2509, 30.2490, 51.5969

Rectangle

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



34.6867, 30.2490, 74.5315



42.3014, 30.2490, 41.1986



23.5339, 30.2490, 10.6852



18.4554, 30.2490, 25.8593

Sweetspot

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



34.6878, 30.2501, 74.5322



77.8038, 78.7812, 105.7133



49.4459, 61.3086, 79.7493



16.2357, 16.3498, 22.5501



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.6878, 30.2501, 74.5322



39.7585, 32.3870, 98.7636



43.4742, 34.7797, 74.9434



13.0423, 13.2898, 17.2655



7.9912, 3.2149, 41.2477



0.5862, 0.2395, 2.8606

Inverse Universe

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



52.7741, 39.6664, 71.2047



67.4127, 46.7925, 93.3148



49.3852, 64.4823, 34.6555



14.2505, 13.9179, 17.0895



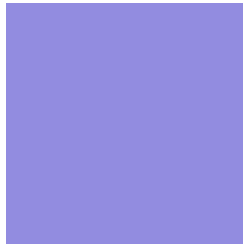
24.5382, 11.8823, 35.8295



1.7137, 0.8288, 2.5511

Previews

White Background



This preview shows how the XYZ color 34.6867, 30.2490, 74.5315 looks on a white background.

Color Contrast Check

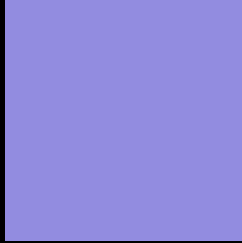
Large Text (above 18pt) WCAG AA × Fail

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 34.6867, 30.2490, 74.5315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

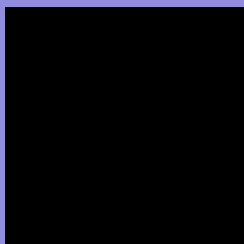
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6867, 30.2490, 74.5315

Background



This preview shows how black text looks on a background with the XYZ color 34.6867, 30.2490, 74.5315.



This preview shows how white text looks on a background with the XYZ color 34.6867, 30.2490,

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

34.6867, 30.2490, 74.5315

Protanopia

32.4624, 30.5737, 79.0533

Deuteranopia

31.2684, 30.5507, 73.3561



Tritanopia

27.6926, 30.1596, 39.9591

Trichromacy



Original Color

34.6867, 30.2490, 74.5315

Protanomaly

33.0301, 30.2151, 77.4900

Deuteranomaly

32.5003, 30.4747, 73.9813

Tritanomaly

29.9341, 30.1283, 50.6920

Monochromacy



Original Color

34.6867, 30.2490, 74.5315

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.8640, 30.4714, 46.3743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6867, 30.2490, 74.5315 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(146, 140, 224)` looks like.

```
.text, #text, p{  
    color:rgb(146, 140, 224)  
}
```

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(146, 140, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 140, 224) }
```

Border

The CSS property to change the border of an element to XYZ 34.6867, 30.2490, 74.5315 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(146, 140, 224) }
```


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

```
.border{ border-color:rgb(146, 140, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 140, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 140, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 140, 224);  
box-shadow:4px 4px 4px 4px rgb(146, 140,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6867, 30.2490, 74.5315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 140, 224) }
```

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

```
.background{ background-color: rgb(146,  
140, 224) }
```

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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