

Converting Colors

XYZ(30.5546, 24.5705, 75.0843)

Have a look what the booklet for
XYZ(30.5546, 24.5705, 75.0843)
contains.

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Color

**XYZ(30.5185, 24.4784,
75.0678)**

Conversions

Conversions Part 1

Format	Color
Hex	867AE2
RGB	134, 122, 226
RGB Percent	53%, 48%, 89%
CMY	0.4745, 0.5216, 0.1137
CMYK	0.41, 0.46, 0.00, 0.11
HSL	247°, 64%, 68%
HSV	247°, 46%, 89%
XYZ	30.5185, 24.4784, 75.0678
YIQ	137.4440, -26.2320, 34.8880

Conversions

Conversions Part 2

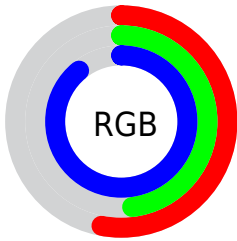
Format	Color
RYB	134, 122, 226
Decimal	8813282
CIELab	56.56, 29.61, -51.57
CIELCh	57, 59.468, 299.860
Yxy	24.4784, 0.2346, 0.1882
Android (android.graphics.Color)	4287003362 (0xFF867AE2)
YUV	137.4440, 43.6581, -3.0204
Hunter-Lab	49.4757, 23.5233, -55.3258

Details

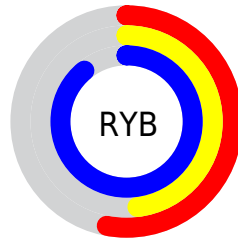
The XYZ color **30.5185, 24.4784, 75.0678** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **58.4408, 70.0942, 28.8624**, and the grayscale version is **23.7936, 25.0327, 27.2606**.

A 20% lighter version of the original color is **54.8658, 48.9563, 101.1655**, and **12.7801, 9.2871, 39.1492** is the 20% darker color. If you saturate the color by 10%, you get **25.1686, 18.0693, 74.1132**, and if you desaturate by 10%, it is **37.1179, 32.4901, 76.2669**.

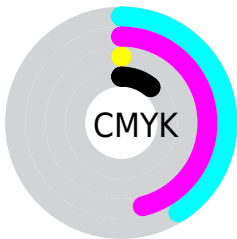
Distribution



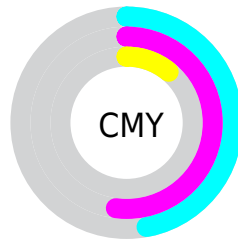
- Red (53%)
- Green (48%)
- Blue (89%)



- Red (53%)
- Yellow (48%)
- Blue (89%)



- Cyan (41%)
- Magenta (46%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (52%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5185, 24.4784, 75.0678 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 30.5185, 24.4784, 75.0678 by changing the saturation by 10% instead.

■ 30.5185, 24.4784,
75.0678

■ 30.5185, 24.4784,
75.0678

296.1805,
275.2303, 497.4122

■ 20.3825, 15.6889,
55.1664

■ 59.8622, 50.8098,
128.1563

■ 12.7833, 9.3043,
39.1354

■ 79.8006, 69.1204,
162.1805

■ 7.3554, 4.9402,
26.5565

■ 103.7372, 91.3735,
201.7493

■ 3.7337, 2.2122,
17.0109

132.0374,
117.9535, 247.2813

■ 1.5526, 0.7266,
10.0802

165.0664,
149.2448, 299.1951

■ 0.3612, 0.0000,
5.3459

203.1897,

■ 0.0000, 0.0000,

185.6318, 357.9091

2.3893

246.7727,
227.4988, 423.8420

■ 0.0000, 0.0000,
0.7806

■ 0.0000, 0.0000,
0.0000

■ 30.5185, 24.4784,
75.0678

■ 30.5185, 24.4784,
75.0678

■ 25.1686, 18.0693,
74.1132

■ 37.1179, 32.4901,
76.2669

■ 20.9857, 13.1519,
73.3845

■ 45.0362, 42.1999,
77.7237

■ 17.8823, 9.6052,
72.8635

■ 54.3412, 53.6990,
79.4528

■ 15.7567, 7.2880,
72.5282

■ 65.0951, 67.0713,
81.4672

■ 14.4864, 6.0273,
72.3518

■ 77.3563, 82.3954,
83.7788

■ 14.1556, 5.7117,
72.3084

■ 90.3444, 98.0735,
86.1204

■ 90.7276, 98.2710,
86.1383

Harmonies

Analogous

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



23.2336, 24.4784, 85.5868



30.5185, 24.4784, 75.0678



36.7330, 24.4784, 50.6532

Triad

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



30.5185, 24.4784, 75.0678



30.5858, 24.4784, 5.4444



12.3585, 24.4784, 26.5602

Complementary

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



30.5185, 24.4784, 75.0678



58.4408, 70.0942, 28.8624

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.



13.5730, 24.4784, 11.7616



30.5185, 24.4784, 75.0678



23.2984, 24.4784, 3.8496

Square

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



30.5185, 24.4784, 75.0678



36.7769, 24.4784, 11.8550



17.2644, 24.4784, 5.4123



13.5504, 24.4784, 50.4072

Rectangle

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



30.5185, 24.4784, 75.0678



38.9270, 24.4784, 33.9194



17.2644, 24.4784, 5.4123



12.4950, 24.4784, 20.5061

Sweetspot

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



30.5195, 24.4793, 75.0684



74.0208, 73.7945, 104.9502



46.2076, 58.5362, 80.8152



15.2236, 15.0261, 22.3479



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.



30.5195, 24.4793, 75.0684



33.5023, 24.2446, 97.5217



40.5508, 29.6506, 75.5379



13.0982, 13.3187, 17.2681



8.1263, 3.2846, 41.2540



0.6128, 0.2532, 2.8618

Inverse Universe

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



50.4615, 34.9434, 67.7028



62.8949, 39.6856, 85.8631



45.9373, 63.6484, 28.2773



14.2233, 13.9070, 16.9462



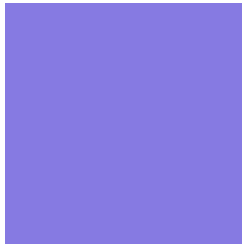
23.8639, 11.6126, 32.2787



1.6737, 0.8128, 2.3406

Previews

White Background



This preview shows how the XYZ color 30.5185, 24.4784, 75.0678 looks on a white background.

Color Contrast Check

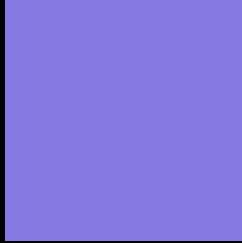
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5185, 24.4784, 75.0678 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 30.5185, 24.4784, 75.0678

Background



This preview shows how black text looks on a background with the XYZ color 30.5185, 24.4784, 75.0678.



This preview shows how white text looks on a background with the XYZ color 30.5185, 24.4784,

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

30.5185, 24.4784, 75.0678

Protanopia

27.5114, 24.6825, 82.6711

Deuteranopia

25.4317, 24.6415, 73.2279



Tritanopia

21.9401, 24.3802, 32.4037

Trichromacy



Original Color

30.5185, 24.4784, 75.0678

Protanomaly

28.1104, 24.2678, 79.5465

Deuteranomaly

26.8264, 24.3237, 73.8021

Tritanomaly

24.5918, 24.2004, 45.4945

Monochromacy



Original Color

30.5185, 24.4784, 75.0678

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.5660, 24.6013, 40.9372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5185, 24.4784, 75.0678 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(134, 122, 226)` looks like.

```
.text, #text, p{  
    color:rgb(134, 122, 226)  
}
```

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(134, 122, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 122, 226) }
```

Border

The CSS property to change the border of an element to XYZ 30.5185, 24.4784, 75.0678 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(134, 122, 226) }
```


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

```
.border{ border-color:rgb(134, 122, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 122, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 122, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 122, 226);  
box-shadow:4px 4px 4px 4px rgb(134, 122,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5185, 24.4784, 75.0678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 122, 226) }
```

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

```
.background{ background-color: rgb(134,  
122, 226) }
```

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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