

Converting Colors

XYZ(32.4042, 30.3429, 74.4523)

Have a look what the booklet for
XYZ(32.4042, 30.3429, 74.4523)
contains.

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Color

**XYZ(32.4858, 30.4516,
74.6866)**

Conversions

Conversions Part 1

Format	Color
Hex	7F92E0
RGB	127, 146, 224
RGB Percent	50%, 57%, 88%
CMY	0.5019, 0.4274, 0.1216
CMYK	0.43, 0.35, 0.00, 0.12
HSL	228°, 61%, 69%
HSV	228°, 43%, 88%
XYZ	32.4858, 30.4516, 74.6866
YIQ	149.2110, -36.3620, 20.2300

Conversions

Conversions Part 2

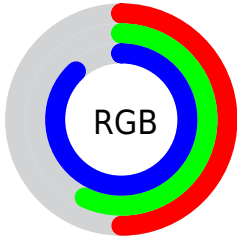
Format	Color
RYB	127, 143, 224
Decimal	8360672
CIELab	62.04, 13.20, -41.83
CIELCh	62, 43.861, 287.513
Yxy	30.4516, 0.2360, 0.2213
Android (android.graphics.Color)	4286550752 (0xFF7F92E0)
YUV	149.2110, 36.8710, -19.4790
Hunter-Lab	55.1830, 8.5114, -41.6171

Details

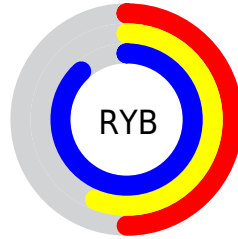
The XYZ color **32.4858, 30.4516, 74.6866** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **56.4037, 61.0437, 28.8899**, and the grayscale version is **28.5174, 30.0025, 32.6727**.

A 20% lighter version of the original color is **58.2327, 58.5958, 102.8487**, and **13.8493, 12.5325, 38.7349** is the 20% darker color. If you saturate the color by 10%, you get **26.9518, 23.7969, 73.6944**, and if you desaturate by 10%, it is **39.2011, 38.3658, 75.8608**.

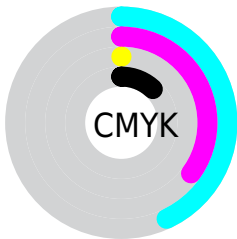
Distribution



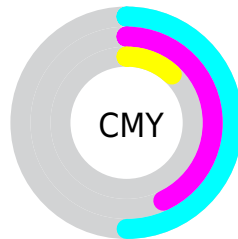
- Red (50%)
- Green (57%)
- Blue (88%)



- Red (50%)
- Yellow (56%)
- Blue (88%)



- Cyan (43%)
- Magenta (35%)
- Yellow (0%)
- Black (12%)



- Cyan (50%)
- Magenta (43%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4858, 30.4516, 74.6866 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 32.4858, 30.4516, 74.6866 by changing the saturation by 10% instead.

■ 32.4858, 30.4516,
74.6866

■ 32.4858, 30.4516,
74.6866

305.0324,
304.0038, 496.0663

■ 21.8902, 20.1816,
54.8560

■ 62.9320, 60.3756,
127.6116

■ 13.8924, 12.5271,
38.8886

■ 83.5132, 80.7985,
161.5432

■ 8.1270, 7.1037,
26.3659

■ 108.1537,
105.3744, 201.0121

■ 4.2288, 3.5271,
16.8694

137.2188,
134.4877, 246.4369

■ 1.8324, 1.4127,
9.9804

171.0739,
168.5230, 298.2362

■ 0.5371, 0.2261,
5.2805

210.0843,

■ 0.0000, 0.0000,

207.8645, 356.8285

2.3512

254.6153,
252.8966, 422.6324

■ 0.0000, 0.0000,
0.7597

■ 0.0000, 0.0000,
0.0000

■ 32.4858, 30.4516,
74.6866

■ 32.4858, 30.4516,
74.6866

■ 26.9518, 23.7969,
73.6944

■ 39.2011, 38.3658,
75.8608

■ 22.5255, 18.3318,
72.8728

■ 47.1586, 47.5977,
77.2234

■ 19.1304, 13.9845,
72.2126

■ 56.4189, 58.2055,
78.7828

■ 16.6777, 10.6738,
71.7029

■ 67.0377, 70.2434,
80.5467

■ 15.0629, 8.3059,
71.3309

■ 79.0672, 83.7622,
82.5221

■ 14.3507, 7.1739,
71.1500

■ 90.1614, 97.5753,
84.6035

■ 90.4547, 98.1619,
84.7013

Harmonies

Analogous

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



26.5638, 30.4516, 75.9585



32.4858, 30.4516, 74.6866



38.1209, 30.4516, 60.2323

Triad

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



32.4858, 30.4516, 74.6866



37.2834, 30.4516, 14.5329



19.2369, 30.4516, 26.6286

Complementary

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



32.4858, 30.4516, 74.6866



56.4037, 61.0437, 28.8899

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.



21.3714, 30.4516, 15.7244



32.4858, 30.4516, 74.6866



31.4609, 30.4516, 10.5056

Square

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



32.4858, 30.4516, 74.6866



41.1384, 30.4516, 24.3250



25.6682, 30.4516, 10.8514



19.4333, 30.4516, 43.9026

Rectangle

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



32.4858, 30.4516, 74.6866



40.7151, 30.4516, 47.1683



25.6682, 30.4516, 10.8514



19.6921, 30.4516, 22.2372

Sweetspot

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



32.4869, 30.4527, 74.6873



75.9661, 78.4016, 105.7369



46.3803, 62.2127, 67.0695



15.6338, 16.0671, 22.5272



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.



32.4869, 30.4527, 74.6873



36.7811, 32.6835, 98.9777



34.7748, 27.6399, 74.0238



13.1683, 13.6757, 17.3333



8.4169, 4.3033, 41.4354



0.6458, 0.4231, 2.8929

Inverse Universe

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



43.5191, 33.1026, 31.2908



53.6235, 37.4274, 32.5694



52.9672, 66.4332, 30.1113



13.8164, 13.7442, 14.8034



18.1886, 9.3425, 2.3932



1.2922, 0.6602, 0.3318

Previews

White Background



This preview shows how the XYZ color 32.4858, 30.4516, 74.6866 looks on a white background.

Color Contrast Check

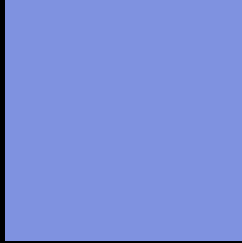
Large Text (above 18pt) WCAG AA × Fail

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 32.4858, 30.4516, 74.6866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

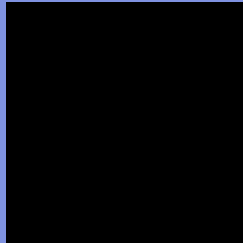
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4858, 30.4516, 74.6866

Background



This preview shows how black text looks on a background with the XYZ color 32.4858, 30.4516, 74.6866.



This preview shows how white text looks on a background with the XYZ color 32.4858, 30.4516,

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

32.4858, 30.4516, 74.6866

Protanopia

32.1927, 30.5146, 75.4273

Deuteranopia

31.2692, 30.5356, 74.0579



Tritanopia

25.9948, 30.4610, 42.5397

Trichromacy



Original Color

32.4858, 30.4516, 74.6866

Protanomaly

32.3365, 30.5888, 75.4341

Deuteranomaly

31.6549, 30.5006, 74.0308

Tritanomaly

28.0216, 30.2821, 53.0833

Monochromacy



Original Color

32.4858, 30.4516, 74.6866

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.4109, 29.9771, 45.3103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4858, 30.4516, 74.6866 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(127, 146, 224)` looks like.

```
.text, #text, p{  
    color:rgb(127, 146, 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(127, 146, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 146, 224) }
```

Border

The CSS property to change the border of an element to XYZ 32.4858, 30.4516, 74.6866 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(127, 146, 224) }
```


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

```
.border{ border-color:rgb(127, 146, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 146, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 146, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 146, 224);  
box-shadow:4px 4px 4px 4px rgb(127, 146,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4858, 30.4516, 74.6866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 146, 224) }
```

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

```
.background{ background-color: rgb(127,  
146, 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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