

Converting Colors

XYZ(30.4128, 22.6835, 84.2191)

Have a look what the booklet for
XYZ(30.4128, 22.6835, 84.2191)
contains.

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Color

**XYZ(30.3872, 22.6314,
84.4281)**

Conversions

Conversions Part 1

Format	Color
Hex	8071EF
RGB	128, 113, 239
RGB Percent	50%, 44%, 94%
CMY	0.4980, 0.5569, 0.0627
CMYK	0.46, 0.53, 0.00, 0.06
HSL	247°, 80%, 69%
HSV	247°, 53%, 94%
XYZ	30.3872, 22.6314, 84.4281
YIQ	131.8490, -31.5060, 42.3660

Conversions

Conversions Part 2

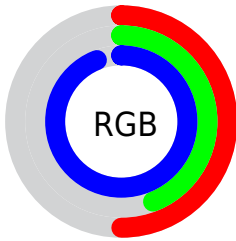
Format	Color
R _Y B	128, 113, 239
Decimal	8417775
CIE Lab	54.69, 37.19, -61.86
CIE LCh	55, 72.179, 301.014
Yxy	22.6314, 0.2211, 0.1647
Android (android.graphics.Color)	4286607855 (0xFF8071EF)
YUV	131.8490, 52.8254, -3.3756
Hunter-Lab	47.5725, 30.7661, -71.9228

Details

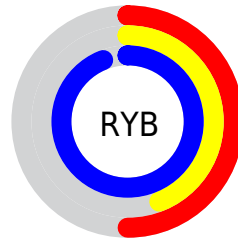
The XYZ color **30.3872, 22.6314, 84.4281** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **64.5868, 78.7724, 27.4236**, and the grayscale version is **21.7027, 22.8329, 24.8650**.

A 20% lighter version of the original color is **51.7548, 44.5694, 100.4827**, and **12.7177, 8.3869, 45.2045** is the 20% darker color. If you saturate the color by 10%, you get **25.2184, 16.5164, 83.5207**, and if you desaturate by 10%, it is **36.9169, 30.4904, 85.6014**.

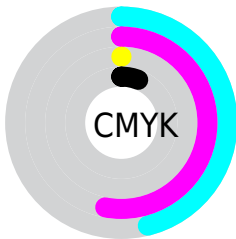
Distribution



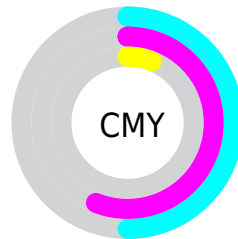
- Red (50%)
- Green (44%)
- Blue (94%)



- Red (50%)
- Yellow (44%)
- Blue (94%)



- Cyan (46%)
- Magenta (53%)
- Yellow (0%)
- Black (6%)



- Cyan (50%)
- Magenta (56%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3872, 22.6314, 84.4281 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 30.3872, 22.6314, 84.4281 by changing the saturation by 10% instead.

■ 30.3872, 22.6314,
84.4281

■ 30.3872, 22.6314,
84.4281

295.5827,
265.8261, 529.8289

■ 20.2822, 14.3216,
62.8215

■ 59.6564, 47.7874,
141.4409

■ 12.7098, 8.3447,
45.2568

■ 79.5513, 65.4023,
177.6842

■ 7.3046, 4.3163,
31.3153

■ 103.4403, 86.8877,
219.6436

■ 3.7014, 1.8520,
20.5786

■ 131.6886,
112.6281, 267.7374

■ 1.5346, 0.5193,
12.6281

164.6616,
143.0077, 322.3843

■ 0.3492, 0.0000,
7.0452

202.7247,

■ 0.0000, 0.0000,

178.4109, 384.0029

3.4115

246.2433,
219.2223, 453.0115

■ 0.0000, 0.0000,
1.3084

■ 0.0000, 0.0000,
0.0687

■ 30.3872, 22.6314,
84.4281

■ 30.3872, 22.6314,
84.4281

■ 25.2184, 16.5164,
83.5207

■ 36.9169, 30.4904,
85.6014

■ 21.3102, 12.0093,
82.8567

■ 44.8923, 40.2111,
87.0573

■ 18.5531, 8.9573,
82.4129

■ 54.3946, 51.9032,
88.8133

■ 16.8165, 7.1763,
82.1607

■ 65.4981, 65.6676,
90.8849

■ 16.0717, 6.4854,
82.0666

■ 78.2723, 81.5980,
93.2865

■ 92.3338, 98.8851,
95.8821

■ 92.5801, 99.0120,
95.8936

Harmonies

Analogous

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



21.7821, 22.6314, 99.4484



30.3872, 22.6314, 84.4281



37.8443, 22.6314, 52.5281

Triad

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



30.3872, 22.6314, 84.4281



29.8012, 22.6314, 2.7589



9.5606, 22.6314, 25.4245

Complementary

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



30.3872, 22.6314, 84.4281



64.5868, 78.7724, 27.4236

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.



10.7182, 22.6314, 8.9324



30.3872, 22.6314, 84.4281



21.2411, 22.6314, 1.6721

Square

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



30.3872, 22.6314, 84.4281



37.4514, 22.6314, 8.2675



14.5564, 22.6314, 2.9428



10.8891, 22.6314, 54.7819

Rectangle

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



30.3872, 22.6314, 84.4281



40.4176, 22.6314, 32.1319



14.5564, 22.6314, 2.9428



9.6689, 22.6314, 18.4166

Sweetspot

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



30.3882, 22.6321, 84.4287



71.3782, 70.4836, 104.4504



49.1268, 63.2159, 91.2745



14.7039, 14.3746, 22.2495



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.



30.3882, 22.6321, 84.4287



28.9559, 18.8304, 96.7162



42.8960, 29.0802, 85.0140



15.0721, 15.3189, 19.8841



8.9377, 3.6130, 45.3542



0.7999, 0.3296, 3.7757

Inverse Universe

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



54.9562, 35.5430, 74.4826



60.3953, 35.3764, 82.9029



48.6061, 70.5340, 26.6758



16.3685, 15.9971, 19.4966



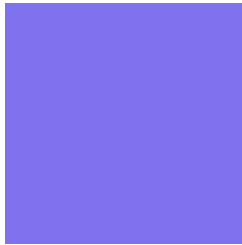
26.1697, 12.7403, 35.1398



2.1998, 1.0689, 3.0428

Previews

White Background



This preview shows how the XYZ color 30.3872, 22.6314, 84.4281 looks on a white background.

Color Contrast Check

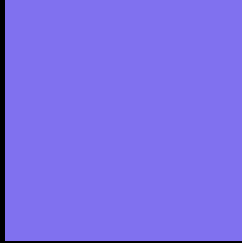
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3872, 22.6314, 84.4281 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 30.3872, 22.6314, 84.4281

Background



This preview shows how black text looks on a background with the XYZ color 30.3872, 22.6314, 84.4281.

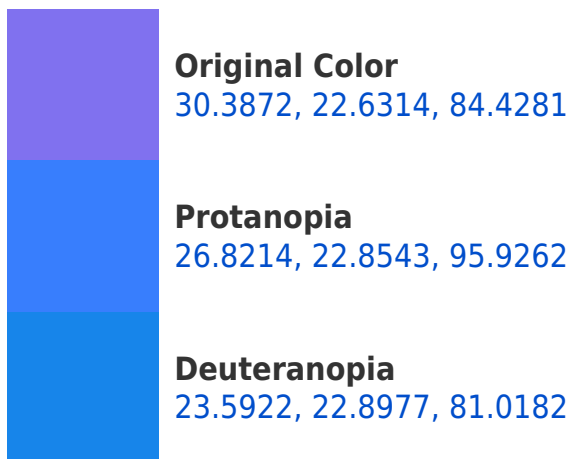


This preview shows how white text looks on a background with the XYZ color 30.3872, 22.6314,

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





Tritanopia

19.6641, 22.5985, 30.9293

Trichromacy



Original Color

30.3872, 22.6314, 84.4281

Protanomaly

27.2603, 22.2459, 91.6640

Deuteranomaly

24.5256, 21.9699, 82.3049

Tritanomaly

22.6395, 22.1784, 46.2676

Monochromacy



Original Color

30.3872, 22.6314, 84.4281

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.0444, 22.4328, 41.5908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3872, 22.6314, 84.4281 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(128, 113, 239)` looks like.

```
.text, #text, p{  
    color:rgb(128, 113, 239)  
}
```

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(128, 113, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 113, 239) }
```

Border

The CSS property to change the border of an element to XYZ 30.3872, 22.6314, 84.4281 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(128, 113, 239) }
```


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

```
.border{ border-color:rgb(128, 113, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 113, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 113, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 113, 239);  
box-shadow:4px 4px 4px 4px rgb(128, 113,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3872, 22.6314, 84.4281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 113, 239) }
```

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

```
.background{ background-color: rgb(128,  
113, 239) }
```

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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