

Converting Colors

XYZ(30.2257, 24.5286, 82.2766)

Have a look what the booklet for
XYZ(30.2257, 24.5286, 82.2766)
contains.

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Color

**XYZ(30.2331, 24.5364,
82.4994)**

Conversions

Conversions Part 1

Format	Color
Hex	797CEC
RGB	121, 124, 236
RGB Percent	47%, 49%, 93%
CMY	0.5255, 0.5137, 0.0745
CMYK	0.49, 0.47, 0.00, 0.07
HSL	238°, 75%, 70%
HSV	238°, 49%, 93%
XYZ	30.2331, 24.5364, 82.4994
YIQ	135.8710, -37.7400, 34.1960

Conversions

Conversions Part 2

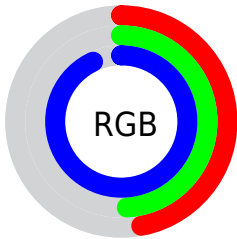
Format	Color
R _Y B	121, 124, 236
Decimal	7961836
CIE Lab	56.62, 28.29, -57.12
CIE LCh	57, 63.744, 296.348
Yxy	24.5364, 0.2202, 0.1787
Android (android.graphics.Color)	4286151916 (0xFF797CEC)
YUV	135.8710, 49.3636, -13.0419
Hunter-Lab	49.5342, 22.2621, -64.0737

Details

The XYZ color **30.2331, 24.5364, 82.4994** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **67.1837, 77.4935, 29.5075**, and the grayscale version is **23.1859, 24.3933, 26.5643**.

A 20% lighter version of the original color is **52.1657, 47.8544, 101.0951**, and **12.5772, 9.2789, 43.7759** is the 20% darker color. If you saturate the color by 10%, you get **24.7687, 17.9305, 81.5128**, and if you desaturate by 10%, it is **37.1796, 32.9034, 83.7488**.

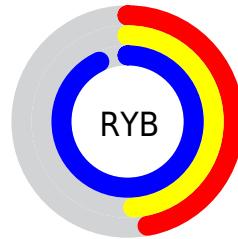
Distribution



Red (47%)

Green (49%)

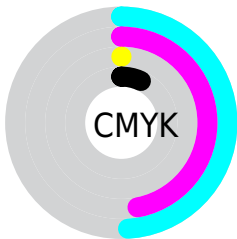
Blue (93%)



Red (47%)

Yellow (49%)

Blue (93%)

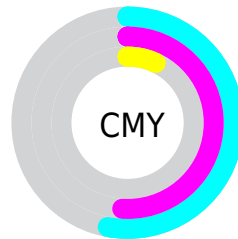


Cyan (49%)

Magenta (47%)

Yellow (0%)

Black (7%)



Cyan (53%)

Magenta (51%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2331, 24.5364, 82.4994 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 30.2331, 24.5364, 82.4994 by changing the saturation by 10% instead.

■ 30.2331, 24.5364,
82.4994

■ 30.2331, 24.5364,
82.4994

294.8798,
275.5212, 523.2439

■ 20.1645, 15.7320,
61.2391

■ 59.4147, 50.9041,
138.7171

■ 12.6237, 9.3347,
43.9863

■ 79.2585, 69.2362,
174.5115

■ 7.2451, 4.9601,
30.3226

■ 103.0914, 91.5130,
215.9876

■ 3.6636, 2.2239,
19.8295

131.2787,
118.1189, 263.5641

■ 1.5136, 0.7330,
12.0883

164.1859,
149.4383, 317.6594

■ 0.3351, 0.0000,
6.6806

202.1782,

■ 0.0000, 0.0000,

185.8555, 378.6921

3.1877

245.6211,
227.7551, 447.0808

■ 0.0000, 0.0000,
1.1913

■ 0.0000, 0.0000,
0.0000

■ 30.2331, 24.5364,
82.4994

■ 30.2331, 24.5364,
82.4994

■ 24.7687, 17.9305,
81.5128

■ 37.1796, 32.9034,
83.7488

■ 20.6761, 12.9576,
80.7687

■ 45.7020, 43.1424,
85.2759

■ 17.8343, 9.4763,
80.2465

■ 55.8897, 55.3581,
87.0968

■ 16.1002, 7.3202,
79.9217

■ 67.8249, 69.6466,
89.2258

■ 15.2765, 6.2726,
79.7629

■ 81.5839, 86.0980,
91.6760

■ 15.2072, 6.1897,
79.7506

■ 92.1404, 98.8362,
93.5783

Harmonies

Analogous

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



22.4252, 24.5364, 91.6299



30.2331, 24.5364, 82.4994



37.3050, 24.5364, 56.3066

Triad

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



30.2331, 24.5364, 82.4994



32.1409, 24.5364, 5.1112



11.7964, 24.5364, 24.2001

Complementary

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



30.2331, 24.5364, 82.4994



67.1837, 77.4935, 29.5075

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.



13.3581, 24.5364, 9.8838



30.2331, 24.5364, 82.4994



24.2405, 24.5364, 3.1804

Square

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



30.2331, 24.5364, 82.4994



38.5602, 24.5364, 12.3902



17.5521, 24.5364, 4.2958



12.7418, 24.5364, 49.2253

Rectangle

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



30.2331, 24.5364, 82.4994



40.0865, 24.5364, 37.5505



17.5521, 24.5364, 4.2958



12.0352, 24.5364, 18.1960

Sweetspot

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



30.2341, 24.5372, 82.5000



71.5968, 71.9450, 104.7210



52.4708, 69.8923, 87.1938



14.7031, 14.6548, 22.3037



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.



30.2341, 24.5372, 82.5000



29.8049, 21.7109, 97.2275



39.5835, 28.8079, 82.8316



14.2627, 14.6118, 18.9909



8.3968, 3.4407, 43.9645



0.6705, 0.2924, 3.4560

Inverse Universe

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



45.0685, 32.9642, 23.0567



49.3749, 32.9429, 18.7821



52.8180, 71.3579, 29.0804



15.0814, 15.0604, 15.7139



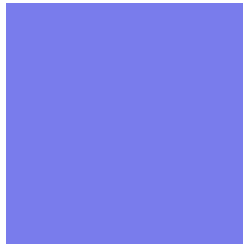
19.0936, 9.8401, 1.0285



1.5049, 0.7749, 0.1103

Previews

White Background



This preview shows how the XYZ color 30.2331, 24.5364, 82.4994 looks on a white background.

Color Contrast Check

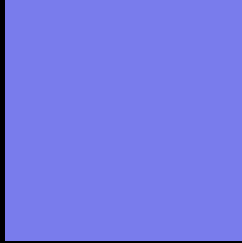
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2331, 24.5364, 82.4994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

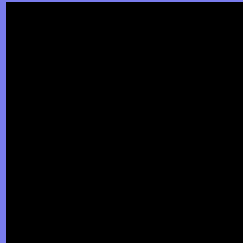
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2331, 24.5364, 82.4994

Background



This preview shows how black text looks on a background with the XYZ color 30.2331, 24.5364, 82.4994.



This preview shows how white text looks on a background with the XYZ color 30.2331, 24.5364,

82.4994.

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

30.2331, 24.5364, 82.4994

Protanopia

27.9737, 24.7835, 88.8973

Deuteranopia

25.5781, 24.7666, 80.5231



Tritanopia

20.5850, 24.5194, 34.2196

Trichromacy



Original Color

30.2331, 24.5364, 82.4994

Protanomaly

28.5513, 24.5382, 86.4506

Deuteranomaly

26.6698, 24.2820, 81.1232

Tritanomaly

23.3997, 24.1332, 48.7723

Monochromacy



Original Color

30.2331, 24.5364, 82.4994

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.0577, 24.3064, 42.4006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2331, 24.5364, 82.4994 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(121, 124, 236)` looks like.

```
.text, #text, p{  
    color:rgb(121, 124, 236)  
}
```

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(121, 124, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 124, 236) }
```

Border

The CSS property to change the border of an element to XYZ 30.2331, 24.5364, 82.4994 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(121, 124, 236) }
```


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

```
.border{ border-color:rgb(121, 124, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 124, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 124, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 124, 236); box-shadow:4px 4px 4px 4px rgb(121, 124, 236) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2331, 24.5364, 82.4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 124, 236) }
```

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

```
.background{ background-color: rgb(121,  
124, 236) }
```

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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