

Converting Colors

XYZ(30.3142, 24.4883, 76.5288)

Have a look what the booklet for
XYZ(30.3142, 24.4883, 76.5288)
contains.

XYZ(30.2925, 24.5132, 76.5337)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.2925, 24.5132,
76.5337)**

Conversions

Conversions Part 1

Format	Color
Hex	827BE4
RGB	130, 123, 228
RGB Percent	51%, 48%, 89%
CMY	0.4902, 0.5176, 0.1059
CMYK	0.43, 0.46, 0.00, 0.11
HSL	244°, 66%, 69%
HSV	244°, 46%, 89%
XYZ	30.2925, 24.5132, 76.5337
YIQ	137.0630, -29.5330, 34.1390

Conversions

Conversions Part 2

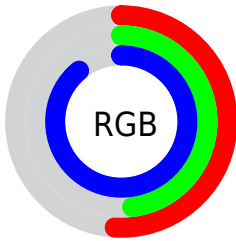
Format	Color
RYB	130, 123, 228
Decimal	8551396
CIELab	56.60, 28.61, -52.66
CIELCh	57, 59.928, 298.519
Yxy	24.5132, 0.2306, 0.1866
Android (android.graphics.Color)	4286741476 (0xFF827BE4)
YUV	137.0630, 44.8319, -6.1943
Hunter-Lab	49.5108, 22.5688, -56.9928

Details

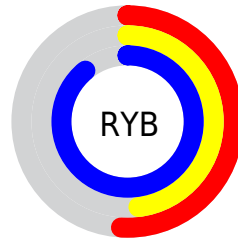
The XYZ color **30.2925, 24.5132, 76.5337** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **61.1371, 72.2891, 29.4705**, and the grayscale version is **23.6465, 24.8779, 27.0921**.

A 20% lighter version of the original color is **54.0689, 48.8355, 101.1842**, and **12.6428, 9.2926, 40.1570** is the 20% darker color. If you saturate the color by 10%, you get **24.8531, 17.9884, 75.5615**, and if you desaturate by 10%, it is **37.0673, 32.7048, 77.7583**.

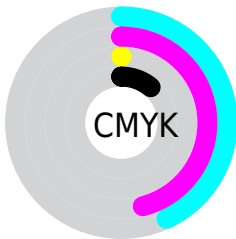
Distribution



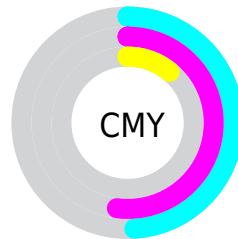
- Red (51%)
- Green (48%)
- Blue (89%)



- Red (51%)
- Yellow (48%)
- Blue (89%)



- Cyan (43%)
- Magenta (46%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (52%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2925, 24.5132, 76.5337 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 30.2925, 24.5132, 76.5337 by changing the saturation by 10% instead.

■ 30.2925, 24.5132,
76.5337

■ 30.2925, 24.5132,
76.5337

295.1509,
275.4049, 502.5681

■ 20.2099, 15.7147,
56.3610

■ 59.5079, 50.8664,
130.2480

■ 12.6569, 9.3225,
40.0865

■ 79.3714, 69.1899,
164.6267

■ 7.2680, 4.9521,
27.2917

■ 103.2259, 91.4572,
204.5778

■ 3.6781, 2.2192,
17.5580

131.4368,
118.0528, 250.5198

■ 1.5217, 0.7304,
10.4670

164.3693,
149.3609, 302.8713

■ 0.3405, 0.0000,
5.6000

202.3890,

■ 0.0000, 0.0000,

185.7660, 362.0508

2.5386

245.8611,
227.6526, 428.4769

■ 0.0000, 0.0000,
0.8605

■ 0.0000, 0.0000,
0.0000

■ 30.2925, 24.5132,
76.5337

■ 30.2925, 24.5132,
76.5337

■ 24.8531, 17.9884,
75.5615

■ 37.0673, 32.7048,
77.7583

■ 20.6580, 13.0134,
74.8223

■ 45.2549, 42.6641,
79.2491

■ 17.6090, 9.4602,
74.2972

■ 54.9302, 54.4873,
81.0212

■ 15.5921, 7.1792,
73.9632

■ 66.1618, 68.2626,
83.0882

■ 14.4688, 5.9863,
73.7921

■ 79.0142, 84.0729,
85.4625

■ 14.2041, 5.7048,
73.7518

■ 91.0037, 98.3815,
87.5924

Harmonies

Analogous

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



22.9548, 24.5132, 86.2839



30.2925, 24.5132, 76.5337



36.6810, 24.5132, 52.1336

Triad

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



30.2925, 24.5132, 76.5337



31.0119, 24.5132, 5.5289



12.3158, 24.5132, 25.7121

Complementary

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



30.2925, 24.5132, 76.5337



61.1371, 72.2891, 29.4705

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.



13.6462, 24.5132, 11.2590



30.2925, 24.5132, 76.5337



23.6467, 24.5132, 3.7829

Square

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



30.2925, 24.5132, 76.5337



37.1511, 24.5132, 12.2521



17.4744, 24.5132, 5.1893



13.4054, 24.5132, 49.4977

Rectangle

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



30.2925, 24.5132, 76.5337



39.0334, 24.5132, 35.0717



17.4744, 24.5132, 5.1893



12.4888, 24.5132, 19.7641

Sweetspot

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



30.2935, 24.5141, 76.5343



73.4864, 73.5190, 104.9252



48.0290, 61.5259, 82.7435



15.0954, 14.9600, 22.3419



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.



30.2935, 24.5141, 76.5343



32.4794, 23.7173, 97.4738



40.4969, 29.7741, 77.0118



13.6714, 13.9328, 18.1131



8.2365, 3.3120, 42.5883



0.6401, 0.2610, 3.1486

Inverse Universe

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



52.1292, 35.8808, 72.5834



63.9226, 40.0967, 91.2748



47.5743, 65.2972, 28.8357



14.9514, 14.5978, 17.9446



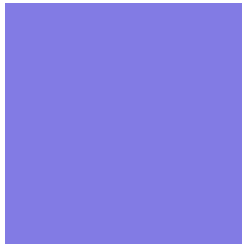
25.4127, 12.2993, 37.3980



1.8905, 0.9139, 2.8298

Previews

White Background



This preview shows how the XYZ color 30.2925, 24.5132, 76.5337 looks on a white background.

Color Contrast Check

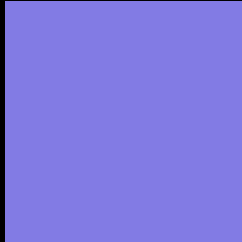
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2925, 24.5132, 76.5337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

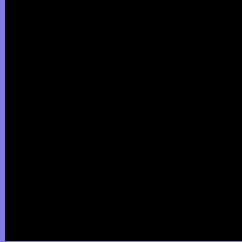
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2925, 24.5132, 76.5337

Background



This preview shows how black text looks on a background with the XYZ color 30.2925, 24.5132, 76.5337.



This preview shows how white text looks on a background with the XYZ color 30.2925, 24.5132,

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

30.2925, 24.5132, 76.5337

Protanopia

27.5618, 24.6917, 83.4341

Deuteranopia

25.4553, 24.6223, 74.6451



Tritanopia

21.4760, 24.3382, 33.2716

Trichromacy



Original Color

30.2925, 24.5132, 76.5337

Protanomaly

28.2951, 24.5246, 81.0843

Deuteranomaly

26.6676, 24.2104, 75.2190

Tritanomaly

24.0994, 24.1274, 46.5669

Monochromacy



Original Color

30.2925, 24.5132, 76.5337

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.3385, 24.4731, 41.4185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2925, 24.5132, 76.5337 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(130, 123, 228)` looks like.

```
.text, #text, p{  
    color:rgb(130, 123, 228)  
}
```

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(130, 123, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 123, 228) }
```

Border

The CSS property to change the border of an element to XYZ 30.2925, 24.5132, 76.5337 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(130, 123, 228) }
```


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

```
.border{ border-color:rgb(130, 123, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 123, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 123, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 123, 228);  
box-shadow:4px 4px 4px 4px rgb(130, 123,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2925, 24.5132, 76.5337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 123, 228) }
```

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

```
.background{ background-color: rgb(130,  
123, 228) }
```

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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