

Converting Colors

XYZ(28.9645, 24.8559, 61.5187)

Have a look what the booklet for
XYZ(28.9645, 24.8559, 61.5187)
contains.

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Color

**XYZ(29.0465, 24.9533,
61.6781)**

Conversions

Conversions Part 1

Format	Color
Hex	897FCE
RGB	137, 127, 206
RGB Percent	54%, 50%, 81%
CMY	0.4627, 0.5020, 0.1922
CMYK	0.33, 0.38, 0.00, 0.19
HSL	248°, 45%, 65%
HSV	248°, 38%, 81%
XYZ	29.0465, 24.9533, 61.6781
YIQ	138.9960, -19.3990, 26.6890

Conversions

Conversions Part 2

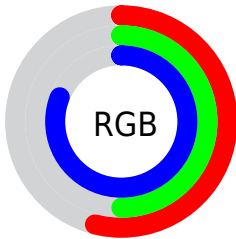
Format	Color
R_{YB}	137, 127, 206
Decimal	9011150
CIE _{Lab}	57.03, 22.00, -39.57
CIE _{LCh}	57, 45.275, 299.077
Yxy	24.9533, 0.2511, 0.2157
Android (android.graphics.Color)	4287201230 (0xFF897FCE)
YUV	138.9960, 33.0330, -1.7505
Hunter-Lab	49.9533, 16.3748, -38.2390

Details

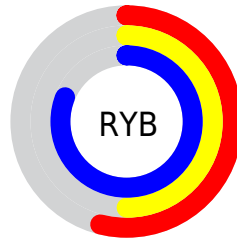
The XYZ color **29.0465, 24.9533, 61.6781** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **48.6673, 57.4111, 28.5958**, and the grayscale version is **24.4221, 25.6939, 27.9807**.

A 20% lighter version of the original color is **56.1095, 51.0690, 101.5078**, and **11.9665, 9.5680, 30.4943** is the 20% darker color. If you saturate the color by 10%, you get **23.9455, 18.7702, 60.7539**, and if you desaturate by 10%, it is **35.1850, 32.4796, 62.8078**.

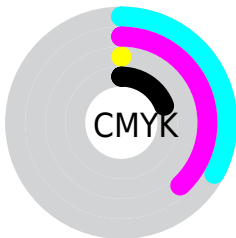
Distribution



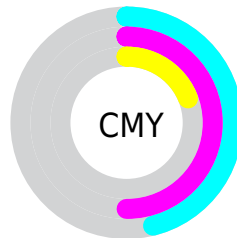
- Red (54%)
- Green (50%)
- Blue (81%)



- Red (54%)
- Yellow (50%)
- Blue (81%)



- Cyan (33%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)



- Cyan (46%)
- Magenta (50%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0465, 24.9533, 61.6781 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 29.0465, 24.9533, 61.6781 by changing the saturation by 10% instead.

■ 29.0465, 24.9533,
61.6781

■ 29.0465, 24.9533,
61.6781

289.4245,
277.6053, 448.7311

■ 19.2605, 16.0423,
44.3385

■ 57.5480, 51.5815,
108.8272

■ 11.9638, 9.5541,
30.5976

■ 76.9942, 70.0674,
139.4739

■ 6.7910, 5.1043,
20.0367

■ 100.3911, 92.5137,
175.3933

■ 3.3769, 2.3086,
12.2374

128.1042,
119.3048, 217.0041

■ 1.3561, 0.7783,
6.7811

160.4987,
150.8251, 264.7247

■ 0.2246, 0.0000,
3.2492

197.9400,

■ 0.0000, 0.0000,

187.4591, 318.9737

1.2232

240.7935,
229.5910, 380.1697

■ 0.0000, 0.0000,
0.0000

■ 29.0465, 24.9533,
61.6781

■ 29.0465, 24.9533,
61.6781

■ 23.9455, 18.7702,
60.7539

■ 35.1850, 32.4796,
62.8078

■ 19.8217, 13.8481,
60.0212

■ 42.4115, 41.4192,
64.1524

■ 16.6122, 10.1003,
59.4670

■ 50.7766, 51.8403,
65.7230

■ 14.2462, 7.4278,
59.0759

■ 60.3266, 63.8062,
67.5293

■ 12.6416, 5.7150,
58.8298

■ 71.1054, 77.3764,
69.5805

■ 11.6857, 4.7921,
58.7021

■ 83.1548, 92.6072,
71.8853

■ 11.5687, 4.6769,
58.6860

■ 88.1407, 97.2363,
72.5160

Harmonies

Analogous

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



23.5528, 24.9533, 68.2737



29.0465, 24.9533, 61.6781



33.6243, 24.9533, 45.1861

Triad

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



29.0465, 24.9533, 61.6781



29.3748, 24.9533, 8.9853



14.8859, 24.9533, 26.7003

Complementary

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



29.0465, 24.9533, 61.6781



48.6673, 57.4111, 28.5958

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.



15.9769, 24.9533, 14.7200



29.0465, 24.9533, 61.6781



23.8827, 24.9533, 7.1382

Square

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



29.0465, 24.9533, 61.6781



33.8329, 24.9533, 15.2704



19.0835, 24.9533, 8.7613



15.8505, 24.9533, 44.0473

Rectangle

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



29.0465, 24.9533, 61.6781



35.2516, 24.9533, 33.1109



19.0835, 24.9533, 8.7613



15.0212, 24.9533, 21.9858

Sweetspot

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



29.0474, 24.9542, 61.6787



76.8952, 77.2854, 105.4725



39.8107, 48.8031, 65.7147



16.0723, 16.0607, 22.5029



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.



29.0474, 24.9542, 61.6787



40.1476, 32.0396, 98.6760



36.5711, 28.8329, 62.0308



10.7316, 10.9109, 14.1108



7.1689, 2.9033, 36.1388



0.4145, 0.1728, 1.8664

Inverse Universe

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



43.0072, 32.2867, 56.1896



66.0360, 45.6512, 87.8860



39.8627, 52.8721, 28.1838



11.6240, 11.3784, 13.8208



20.7663, 10.1171, 27.5519



1.0888, 0.5289, 1.5137

Previews

White Background



This preview shows how the XYZ color 29.0465, 24.9533, 61.6781 looks on a white background.

Color Contrast Check

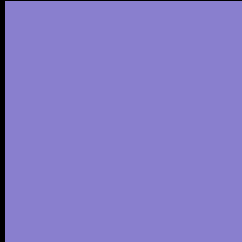
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0465, 24.9533, 61.6781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

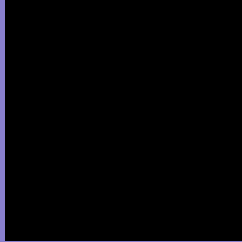
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0465, 24.9533, 61.6781

Background



This preview shows how black text looks on a background with the XYZ color 29.0465, 24.9533, 61.6781.



This preview shows how white text looks on a background with the XYZ color 29.0465, 24.9533,

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

29.0465, 24.9533, 61.6781

Protanopia

26.5931, 24.9918, 65.7096

Deuteranopia

25.7666, 25.0938, 60.6123



Tritanopia

23.1951, 25.0272, 32.4624

Trichromacy



Original Color

29.0465, 24.9533, 61.6781

Protanomaly

27.3569, 24.8077, 64.3193

Deuteranomaly

26.8782, 25.0344, 61.1731

Tritanomaly

24.9729, 24.8974, 41.5197

Monochromacy



Original Color

29.0465, 24.9533, 61.6781

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.7561, 25.3756, 38.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0465, 24.9533, 61.6781 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(137, 127, 206)` looks like.

```
.text, #text, p{  
    color:rgb(137, 127, 206)  
}
```

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(137, 127, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 127, 206) }
```

Border

The CSS property to change the border of an element to XYZ 29.0465, 24.9533, 61.6781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

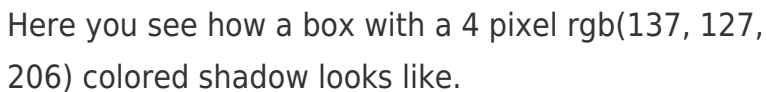
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 127, 206) }
```


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

```
.border{ border-color:rgb(137, 127, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 127, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 127, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 127, 206); box-shadow:4px 4px 4px 4px rgb(137, 127, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0465, 24.9533, 61.6781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 127, 206) }
```

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

```
.background{ background-color: rgb(137,  
127, 206) }
```

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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