

Converting Colors

XYZ(30.2921, 18.9070, 61.0843)

Have a look what the booklet for
XYZ(30.2921, 18.9070, 61.0843)
contains.

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Color

**XYZ(30.2921, 18.9070,
61.0843)**

Conversions

Conversions Part 1

Format	Color
Hex	A753CF
RGB	167, 83, 207
RGB Percent	65%, 33%, 81%
CMY	0.3451, 0.6745, 0.1882
CMYK	0.19, 0.60, 0.00, 0.19
HSL	281°, 56%, 57%
HSV	281°, 60%, 81%
XYZ	30.2921, 18.9070, 61.0843
YIQ	122.2520, 10.2600, 56.3720

Conversions

Conversions Part 2

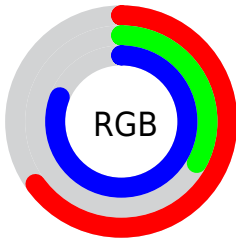
Format	Color
R _Y B	167, 83, 207
Decimal	10965967
CIE Lab	50.58, 54.56, -50.16
CIE LCh	51, 74.113, 317.405
Yxy	18.9070, 0.2747, 0.1714
Android (android.graphics.Color)	4289156047 (0xFFA753CF)
YUV	122.2520, 41.7808, 39.2440
Hunter-Lab	43.4822, 48.2592, -52.8538

Details

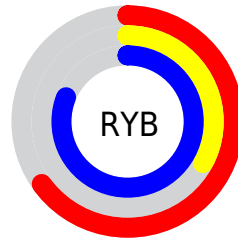
The XYZ color **30.2921, 18.9070, 61.0843** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **32.0430, 49.4615, 16.0424**, and the grayscale version is **18.4471, 19.4078, 21.1351**.

A 20% lighter version of the original color is **57.9055, 40.8359, 99.4379**, and **12.6383, 6.4770, 30.2898** is the 20% darker color. If you saturate the color by 10%, you get **27.5640, 15.4905, 60.5689**, and if you desaturate by 10%, it is **33.5673, 23.3079, 61.7615**.

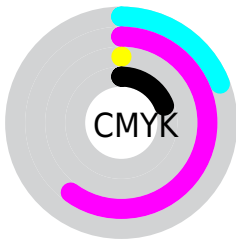
Distribution



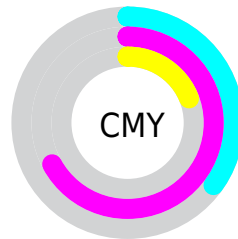
- Red (65%)
- Green (33%)
- Blue (81%)



- Red (65%)
- Yellow (33%)
- Blue (81%)



- Cyan (19%)
- Magenta (60%)
- Yellow (0%)
- Black (19%)



- Cyan (35%)
- Magenta (67%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2921, 18.9070, 61.0843 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 30.2921, 18.9070, 61.0843 by changing the saturation by 10% instead.

30.2921, 18.9070,
61.0843

30.2921, 18.9070,
61.0843

295.1491,
245.9349, 446.4981

20.2096, 11.6031,
43.8622

59.5073, 41.5769,
107.9597

12.6566, 6.4740,
30.2258

79.3706, 57.7117,
138.4501

7.2679, 3.1354,
19.7565

103.2250, 77.5589,
174.2003

3.6780, 1.2028,
12.0359

131.4357,
101.5029, 215.6290

1.5216, 0.0640,
6.6453

164.3681,
129.9281, 263.1545

0.3405, 0.0000,
3.1662

202.3876,

0.0000, 0.0000,

163.2189, 317.1955

1.1801

245.8594,
201.7597, 378.1706

■ 0.0000, 0.0000,
0.0000

■ 30.2921, 18.9070,
61.0843

■ 30.2921, 18.9070,
61.0843

■ 27.5640, 15.4905,
60.5689

■ 33.5673, 23.3079,
61.7615

■ 25.3360, 12.9684,
60.1996

■ 37.4264, 28.7678,
62.6119

■ 23.5562, 11.2381,
59.9594

■ 41.9056, 35.3565,
63.6476

■ 22.1294, 10.1104,
59.8169

■ 47.0372, 43.1372,
64.8790

■ 22.1162, 10.1003,
59.8157

■ 52.8511, 52.1683,
66.3157

■ 59.3753, 62.5042,
67.9669

■ 66.6361, 74.1963,
69.8410

■ 74.6585, 87.2929,
71.9461

■ 78.7319, 92.3718,
72.7117

Harmonies

Analogous

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



22.4653, 18.9070, 86.8897



30.2921, 18.9070, 61.0843



35.2709, 18.9070, 30.5629

Triad

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



30.2921, 18.9070, 61.0843



21.1807, 18.9070, 1.0419



7.6901, 18.9070, 34.9657

Complementary

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



30.2921, 18.9070, 61.0843



32.0430, 49.4615, 16.0424

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.



7.5196, 18.9070, 13.0583



30.2921, 18.9070, 61.0843



14.1193, 18.9070, 1.1650

Square

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



30.2921, 18.9070, 61.0843



29.1368, 18.9070, 2.9740



9.5462, 18.9070, 3.6742



10.0985, 18.9070, 66.1022

Rectangle

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



30.2921, 18.9070, 61.0843



35.6152, 18.9070, 15.8631



9.5462, 18.9070, 3.6742



7.3978, 18.9070, 26.1652

Sweetspot

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



30.2929, 18.9078, 61.0847



76.8761, 71.4292, 104.3432



22.0799, 20.8437, 61.8913



15.9008, 14.4378, 22.1987



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.



30.2929, 18.9078, 61.0847



43.0354, 23.4832, 96.8722



37.7243, 23.0119, 49.0943



11.9246, 11.8100, 14.8947



14.0367, 6.4165, 37.6912



0.8658, 0.4005, 2.1112

Inverse Universe

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



32.4010, 20.8826, 21.0624



47.5901, 27.4461, 24.1289



28.3624, 47.4578, 20.6743



11.9637, 11.8702, 13.0845



16.8851, 8.6269, 4.3009



0.9802, 0.4968, 0.4305

Previews

White Background



This preview shows how the XYZ color 30.2921, 18.9070, 61.0843 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 30.2921, 18.9070, 61.0843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

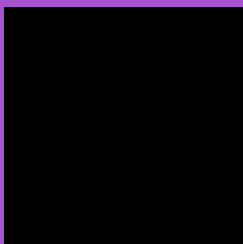
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2921, 18.9070, 61.0843

Background



This preview shows how black text looks on a background with the XYZ color 30.2921, 18.9070, 61.0843.



This preview shows how white text looks on a background with the XYZ color 30.2921, 18.9070,

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

30.2921, 18.9070, 61.0843

Protanopia

23.0378, 19.4855, 85.7659

Deuteranopia

19.7169, 19.1101, 57.2930



Tritanopia

21.7103, 18.7818, 19.3106

Trichromacy



Original Color

30.2921, 18.9070, 61.0843



Protanomaly

22.9407, 17.6916, 76.3345



Deuteranomaly

21.8629, 17.8304, 58.7892



Tritanomaly

24.0674, 18.3948, 31.1362

Monochromacy



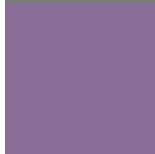
Original Color

30.2921, 18.9070, 61.0843



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

21.5936, 18.4283, 32.5559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2921, 18.9070, 61.0843 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(167, 83, 207)` looks like.

```
.text, #text, p{  
    color:rgb(167, 83, 207)  
}
```

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(167, 83, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 83, 207) }
```

Border

The CSS property to change the border of an element to XYZ 30.2921, 18.9070, 61.0843 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(167, 83, 207) }
```


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

```
.border{ border-color:rgb(167, 83, 207) }
```

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

Here you see how a box with a 4 pixel rgb(167, 83, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 83, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 83, 207);  
box-shadow:4px 4px 4px 4px rgb(167, 83,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2921, 18.9070, 61.0843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 83, 207) }
```

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

```
.background{ background-color: rgb(167, 83,  
207) }
```

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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