

Converting Colors

XYZ(30.2743, 18.8635, 61.4515)

Have a look what the booklet for
XYZ(30.2743, 18.8635, 61.4515)
contains.

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Color

**XYZ(30.4148, 18.9561,
61.7304)**

Conversions

Conversions Part 1

Format	Color
Hex	A753D0
RGB	167, 83, 208
RGB Percent	65%, 33%, 82%
CMY	0.3451, 0.6745, 0.1843
CMYK	0.20, 0.60, 0.00, 0.18
HSL	280°, 57%, 57%
HSV	280°, 60%, 82%
XYZ	30.4148, 18.9561, 61.7304
YIQ	122.3660, 9.9390, 56.6830

Conversions

Conversions Part 2

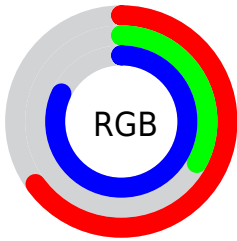
Format	Color
R_{YB}	167, 83, 208
Decimal	10965968
CIE _{Lab}	50.64, 54.77, -50.64
CIE _{LCh}	51, 74.594, 317.244
Yxy	18.9561, 0.2738, 0.1706
Android (android.graphics.Color)	4289156048 (0xFFA753D0)
YUV	122.3660, 42.2176, 39.1440
Hunter-Lab	43.5386, 48.5023, -53.5862

Details

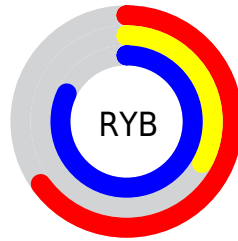
The XYZ color **30.4148, 18.9561, 61.7304** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **32.4299, 50.0218, 16.1302**, and the grayscale version is **18.4830, 19.4456, 21.1762**.

A 20% lighter version of the original color is **58.0470, 41.1189, 99.4851**, and **12.7206, 6.5099, 30.7231** is the 20% darker color. If you saturate the color by 10%, you get **27.6522, 15.5136, 61.2119**, and if you desaturate by 10%, it is **33.7323, 23.3937, 62.4124**.

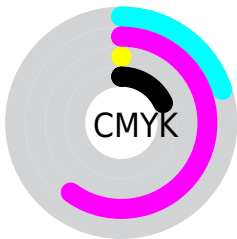
Distribution



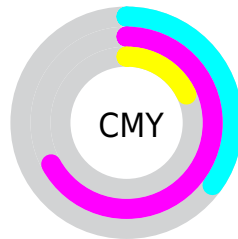
- Red (65%)
- Green (33%)
- Blue (82%)



- Red (65%)
- Yellow (33%)
- Blue (82%)



- Cyan (20%)
- Magenta (60%)
- Yellow (0%)
- Black (18%)



- Cyan (35%)
- Magenta (67%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4148, 18.9561, 61.7304 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 30.4148, 18.9561, 61.7304 by changing the saturation by 10% instead.

30.4148, 18.9561,
61.7304

30.4148, 18.9561,
61.7304

295.7084,
246.2063, 448.9275

20.3033, 11.6386,
44.3805

59.6997, 41.6599,
108.9036

12.7252, 6.4981,
30.6304

79.6038, 57.8150,
139.5640

7.3153, 3.1502,
20.0615

103.5027, 77.6846,
175.4983

3.7081, 1.2107,
12.2552

131.7619,
101.6534, 217.1251

1.5384, 0.0704,
6.7931

164.7468,
130.1055, 264.8628

0.3517, 0.0000,
3.2566

202.8225,

0.0000, 0.0000,

163.4254, 319.1301

1.2271

246.3546,
201.9976, 380.3455

■ 0.0000, 0.0000,
0.0009

■ 0.0000, 0.0000,
0.0000

■ 30.4148, 18.9561,
61.7304

■ 30.4148, 18.9561,
61.7304

■ 27.6522, 15.5136,
61.2119

■ 33.7323, 23.3937,
62.4124

■ 25.3967, 12.9752,
60.8408

■ 37.6421, 28.9022,
63.2696

■ 23.5956, 11.2361,
60.6000

■ 42.1809, 35.5525,
64.3140

■ 22.1630, 10.1102,
60.4582

■ 47.3815, 43.4085,
65.5563

■ 53.2743, 52.5296,
67.0062

■ 59.8877, 62.9708,
68.6730

■ 67.2484, 74.7842,
70.5653

■ 75.3817, 88.0188,
72.6912

■ 79.2681, 92.6340,
73.3772

Harmonies

Analogous

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



22.5071, 18.9561, 87.7657



30.4148, 18.9561, 61.7304



35.4692, 18.9561, 30.8502

Triad

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



30.4148, 18.9561, 61.7304



21.2979, 18.9561, 1.0182



7.6609, 18.9561, 34.9987

Complementary

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



30.4148, 18.9561, 61.7304



32.4299, 50.0218, 16.1302

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.



7.5011, 18.9561, 12.9749



30.4148, 18.9561, 61.7304



14.1680, 18.9561, 1.1318

Square

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



30.4148, 18.9561, 61.7304



29.3260, 18.9561, 2.9573



9.5506, 18.9561, 3.6096



10.0688, 18.9561, 66.4677

Rectangle

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



30.4148, 18.9561, 61.7304



35.8387, 18.9561, 15.9743



9.5506, 18.9561, 3.6096



7.3712, 18.9561, 26.1357

Sweetspot

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



30.4156, 18.9569, 61.7308



76.7915, 71.3857, 104.3392



22.2446, 20.9768, 62.5514



15.8800, 14.4271, 22.1977



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.



30.4156, 18.9569, 61.7308



42.7777, 23.3504, 96.8602



38.0937, 23.1920, 49.5766



11.9183, 11.8067, 14.8944



13.9186, 6.3556, 37.6857



0.8599, 0.3975, 2.1110

Inverse Universe

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



32.7443, 21.0523, 21.4070



47.6576, 27.4731, 24.4846



28.6140, 47.9473, 20.7998



11.9663, 11.8713, 13.0985



16.9068, 8.6356, 4.4155



0.9816, 0.4974, 0.4381

Previews

White Background



This preview shows how the XYZ color 30.4148, 18.9561, 61.7304 looks on a white background.

Color Contrast Check

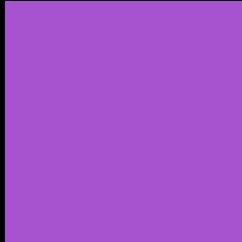
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4148, 18.9561, 61.7304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

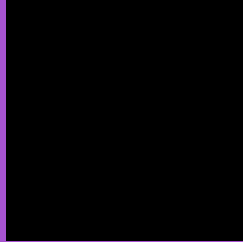
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4148, 18.9561, 61.7304

Background



This preview shows how black text looks on a background with the XYZ color 30.4148, 18.9561, 61.7304.



This preview shows how white text looks on a background with the XYZ color 30.4148, 18.9561,

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

30.4148, 18.9561, 61.7304

Protanopia

23.1159, 19.5085, 86.5516

Deuteranopia

19.8860, 19.3651, 57.9481



Tritanopia

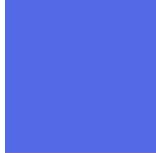
21.8164, 18.9939, 19.3460

Trichromacy



Original Color

30.4148, 18.9561, 61.7304



Protanomaly

22.9907, 17.7011, 77.0678



Deuteranomaly

21.9706, 18.0278, 59.4485



Tritanomaly

24.1627, 18.5855, 31.1680

Monochromacy



Original Color

30.4148, 18.9561, 61.7304



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 30.4148, 18.9561, 61.7304 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(167, 83, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 83, 208) }
```

Border

The CSS property to change the border of an element to XYZ 30.4148, 18.9561, 61.7304 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, 208) }
```


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

```
.border{ border-color:rgb(167, 83, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 83, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 83, 208);  
box-shadow:4px 4px 4px 4px rgb(167, 83,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4148, 18.9561, 61.7304 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, 208) }
```

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

```
.background{ background-color: rgb(167, 83,  
208) }
```

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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