

Converting Colors

XYZ(30.3997, 22.7079, 66.3992)

Have a look what the booklet for
XYZ(30.3997, 22.7079, 66.3992)
contains.

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Color

**XYZ(30.3997, 22.7079,
66.3992)**

Conversions

Conversions Part 1

Format	Color
Hex	966FD6
RGB	150, 111, 214
RGB Percent	59%, 44%, 84%
CMY	0.4118, 0.5647, 0.1608
CMYK	0.30, 0.48, 0.00, 0.16
HSL	263°, 56%, 64%
HSV	263°, 48%, 84%
XYZ	30.3997, 22.7079, 66.3992
YIQ	134.4030, -9.8190, 40.3010

Conversions

Conversions Part 2

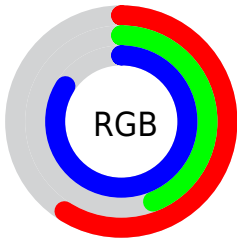
Format	Color
R_{YB}	150, 111, 214
Decimal	9859030
CIE _{Lab}	54.77, 36.89, -47.58
CIE _{LCh}	55, 60.212, 307.788
Yxy	22.7079, 0.2544, 0.1900
Android (android.graphics.Color)	4288049110 (0xFF966FD6)
YUV	134.4030, 39.2413, 13.6786
Hunter-Lab	47.6528, 30.4801, -49.2574

Details

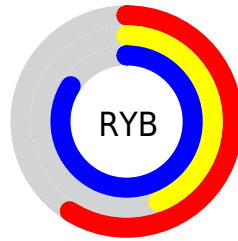
The XYZ color **30.3997, 22.7079, 66.3992** is a light color, and the websafe version is hex **9966CC**, and the color name is **dark pastel purple**. A complement of this color would be **44.5953, 58.3552, 23.9528**, and the grayscale version is **22.6716, 23.8522, 25.9751**.

A 20% lighter version of the original color is **56.6008, 46.5362, 100.6069**, and **12.8045, 8.4352, 33.7542** is the 20% darker color. If you saturate the color by 10%, you get **26.0288, 17.3940, 65.6043**, and if you desaturate by 10%, it is **35.6093, 29.2852, 67.3946**.

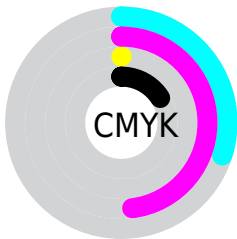
Distribution



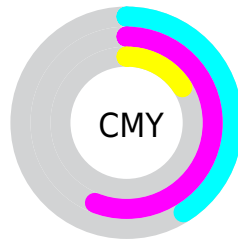
- Red (59%)
- Green (44%)
- Blue (84%)



- Red (59%)
- Yellow (44%)
- Blue (84%)



- Cyan (30%)
- Magenta (48%)
- Yellow (0%)
- Black (16%)





- Cyan (41%)
- Magenta (56%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3997, 22.7079, 66.3992 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 30.3997, 22.7079, 66.3992 by changing the saturation by 10% instead.

 30.3997, 22.7079,
66.3992


 30.3997, 22.7079,
66.3992

295.6396,
266.2211, 466.2463


 20.2917, 14.3780,
48.1380

 59.6760, 47.9133,
115.6916


 12.7168, 8.3840,
33.5754


 79.5751, 65.5575,
147.5598

 7.3095, 4.3416,
22.2929


 103.4686, 87.0752,
184.8008

 3.7044, 1.8664,
13.8719

 131.7218,
112.8509, 227.8332

 1.5363, 0.5281,
7.8939

164.7002,
143.2690, 277.0753

 0.3503, 0.0000,
3.9403

202.7690,

 0.0000, 0.0000,

178.7138, 332.9459

1.5927

246.2937,
219.5697, 395.8634

■ 0.0000, 0.0000,
0.2856

■ 0.0000, 0.0000,
0.0000

■ 30.3997, 22.7079,
66.3992

■ 30.3997, 22.7079,
66.3992

■ 26.0288, 17.3940,
65.6043

■ 35.6093, 29.2852,
67.3946

■ 22.4441, 13.2550,
64.9943

■ 41.7004, 37.2009,
68.6014


■ 19.5907, 10.1945,
64.5540

■ 48.7157, 46.5273,
70.0319


■ 17.4041, 8.0989,
64.2647


■ 56.6943, 57.3306,
71.6966


 15.7943, 6.8046,
64.0998

 65.6729, 69.6725,
73.6056

 15.5338, 6.6058,
64.0751

 75.6861, 83.6114,
75.7683

 84.8878, 95.4442,
77.5673

 89.1377, 97.6351,
77.7662

Harmonies

Analogous

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



23.3617, 22.7079, 81.6106



30.3997, 22.7079, 66.3992



35.7093, 22.7079, 41.3043

Triad

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



30.3997, 22.7079, 66.3992



26.7843, 22.7079, 3.9619



11.2354, 22.7079, 30.0238

Complementary

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



30.3997, 22.7079, 66.3992



44.5953, 58.3552, 23.9528

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.



11.7815, 22.7079, 13.3085



30.3997, 22.7079, 66.3992



19.8973, 22.7079, 3.3008

Square

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



30.3997, 22.7079, 66.3992



33.3411, 22.7079, 8.3950



14.6610, 22.7079, 5.6127



12.9764, 22.7079, 54.6179

Rectangle

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



30.3997, 22.7079, 66.3992



37.0389, 22.7079, 26.1651



14.6610, 22.7079, 5.6127



11.1654, 22.7079, 23.3388

Sweetspot

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



30.4006, 22.7088, 66.3997



77.0047, 75.3327, 105.0898



34.2649, 39.3775, 69.4135



15.9431, 15.3970, 22.3816



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.



30.4006, 22.7088, 66.3997



38.4434, 25.5536, 97.5139



41.7133, 28.5407, 66.9292



12.1826, 12.2355, 15.6571



9.4961, 4.0479, 38.7340



0.6633, 0.2908, 2.3405

Inverse Universe

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



41.1543, 28.7608, 43.9398



56.8166, 35.9196, 57.9698



35.3350, 53.5813, 23.5195



12.7444, 12.5493, 14.5943



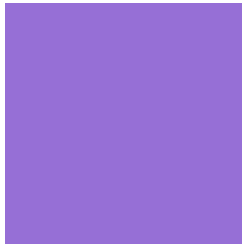
19.3716, 9.6850, 14.5269



1.2081, 0.6000, 1.0851

Previews

White Background



This preview shows how the XYZ color 30.3997, 22.7079, 66.3992 looks on a white background.

Color Contrast Check

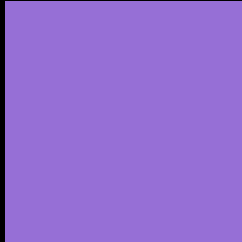
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3997, 22.7079, 66.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

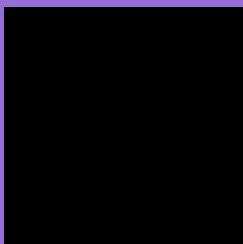
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3997, 22.7079, 66.3992

Background



This preview shows how black text looks on a background with the XYZ color 30.3997, 22.7079, 66.3992.



This preview shows how white text looks on a background with the XYZ color 30.3997, 22.7079,

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

30.3997, 22.7079, 66.3992

Protanopia

25.7484, 23.0828, 77.9613

Deuteranopia

23.5869, 22.8642, 64.1428



Tritanopia

22.5021, 22.7155, 27.6246

Trichromacy



Original Color

30.3997, 22.7079, 66.3992

Protanomaly

26.7208, 22.5521, 73.4657

Deuteranomaly

25.2722, 22.3697, 64.6138

Tritanomaly

24.6577, 22.2477, 39.0710

Monochromacy



Original Color

30.3997, 22.7079, 66.3992

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.8869, 23.1415, 37.8054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3997, 22.7079, 66.3992 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(150, 111, 214)` looks like.

```
.text, #text, p{  
    color:rgb(150, 111, 214)  
}
```

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(150, 111, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 111, 214) }
```

Border

The CSS property to change the border of an element to XYZ 30.3997, 22.7079, 66.3992 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(150, 111, 214) }
```


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

```
.border{ border-color:rgb(150, 111, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 111, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 111, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 111, 214);  
box-shadow:4px 4px 4px 4px rgb(150, 111,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3997, 22.7079, 66.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 111, 214) }
```

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

```
.background{ background-color: rgb(150,  
111, 214) }
```

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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