

Converting Colors

XYZ(29.2380, 22.9777, 59.2122)

Have a look what the booklet for
XYZ(29.2380, 22.9777, 59.2122)
contains.

XYZ(29.3047, 22.9628, 59.3877)	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(29.3047, 22.9628,
59.3877)**

Conversions

Conversions Part 1

Format	Color
Hex	9573CB
RGB	149, 115, 203
RGB Percent	58%, 45%, 80%
CMY	0.4157, 0.5490, 0.2039
CMYK	0.27, 0.43, 0.00, 0.20
HSL	263°, 46%, 62%
HSV	263°, 43%, 80%
XYZ	29.3047, 22.9628, 59.3877
YIQ	135.1980, -7.9840, 34.5760

Conversions

Conversions Part 2

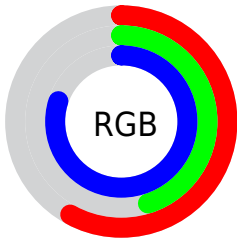
Format	Color
R_{YB}	149, 115, 203
Decimal	9794507
CIE _{Lab}	55.03, 31.60, -40.94
CIE _{LCh}	55, 51.715, 307.666
Yxy	22.9628, 0.2625, 0.2057
Android (android.graphics.Color)	4287984587 (0xFF9573CB)
YUV	135.1980, 33.4264, 12.1044
Hunter-Lab	47.9195, 25.3007, -39.9357

Details

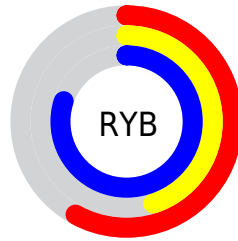
The XYZ color **29.3047, 22.9628, 59.3877** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **40.8130, 52.3851, 24.1807**, and the grayscale version is **22.9852, 24.1823, 26.3345**.

A 20% lighter version of the original color is **57.0456, 47.8366, 100.8345**, and **12.1174, 8.5213, 29.0231** is the 20% darker color. If you saturate the color by 10%, you get **25.0873, 17.7228, 58.5990**, and if you desaturate by 10%, it is **34.2766, 29.3492, 60.3588**.

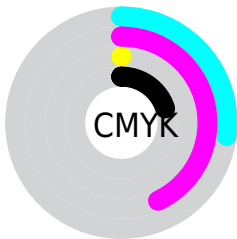
Distribution



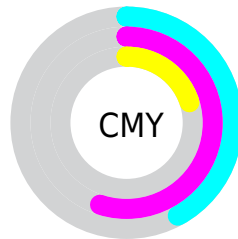
- Red (58%)
- Green (45%)
- Blue (80%)



- Red (58%)
- Yellow (45%)
- Blue (80%)



- Cyan (27%)
- Magenta (43%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (55%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3047, 22.9628, 59.3877 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 29.3047, 22.9628, 59.3877 by changing the saturation by 10% instead.

■ 29.3047, 22.9628,
59.3877

■ 29.3047, 22.9628,
59.3877

290.6182,
267.5339, 440.0790

■ 19.4569, 14.5660,
42.5032

■ 57.9551, 48.3322,
105.4756

■ 12.1068, 8.5154,
29.1670

■ 77.4883, 66.0737,
135.5161

■ 6.8892, 4.4265,
18.9605

■ 100.9808, 87.6989,
170.7790

■ 3.4386, 1.9149,
11.4652

■ 128.7977,
113.5921, 211.6829

■ 1.3897, 0.5573,
6.2626

161.3046,
144.1378, 258.6463

■ 0.2489, 0.0000,
2.9340

198.8668,

■ 0.0000, 0.0000,

179.7205, 312.0878

1.0611

241.8495,
220.7243, 372.4258

■ 0.0000, 0.0000,
0.0000

■ 29.3047, 22.9628,
59.3877

■ 29.3047, 22.9628,
59.3877

■ 25.0873, 17.7228,
58.5990

■ 34.2766, 29.3492,
60.3588

■ 21.5805, 13.5551,
57.9793

■ 40.0383, 36.9446,
61.5211

■ 18.7390, 10.3804,
57.5163

■ 46.6262, 45.8102,
62.8852

■ 16.5109, 8.1072,
57.1950

■ 54.0732, 56.0020,
64.4599

■ 14.8344, 6.6255,
56.9974

■ 62.4104, 67.5728,
66.2538

■ 13.9572, 5.9500,
56.9132

■ 71.6674, 80.5723,
68.2751

■ 81.1978, 93.6988,
70.3065

■ 85.4839, 95.9084,
70.5070

■ 87.7796, 97.0918,
70.6145

Harmonies

Analogous

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



23.3343, 22.9628, 71.3601



29.3047, 22.9628, 59.3877



33.7364, 22.9628, 39.0726

Triad

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



29.3047, 22.9628, 59.3877



26.3034, 22.9628, 5.6589



12.5975, 22.9628, 29.4703

Complementary

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



29.3047, 22.9628, 59.3877



40.8130, 52.3851, 24.1807

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.



13.1109, 22.9628, 14.7950



29.3047, 22.9628, 59.3877



20.3831, 22.9628, 4.9167

Square

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



29.3047, 22.9628, 59.3877



31.8022, 22.9628, 10.2130



15.7411, 22.9628, 7.3777



14.1895, 22.9628, 49.7796

Rectangle

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



29.3047, 22.9628, 59.3877



34.8451, 22.9628, 26.3146



15.7411, 22.9628, 7.3777



12.5354, 22.9628, 23.7350

Sweetspot

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



29.3056, 22.9637, 59.3882



78.2797, 76.9870, 105.3419



32.0880, 36.4326, 61.8413



16.1994, 15.7253, 22.4314



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.



29.3056, 22.9637, 59.3882



42.4328, 30.1941, 98.1993



38.8352, 27.8764, 59.8342



11.0048, 11.0518, 14.1236



8.9771, 3.8354, 36.2234



0.5473, 0.2413, 1.8727

Inverse Universe

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



37.9213, 27.8232, 40.9080



59.1198, 39.6259, 61.5126



32.9475, 48.3303, 23.8126



11.4967, 11.3274, 13.1503



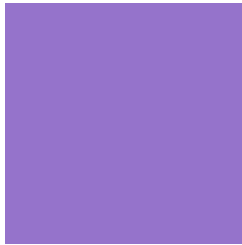
18.0573, 9.0335, 13.2865



0.9680, 0.4806, 0.8773

Previews

White Background



This preview shows how the XYZ color 29.3047, 22.9628, 59.3877 looks on a white background.

Color Contrast Check

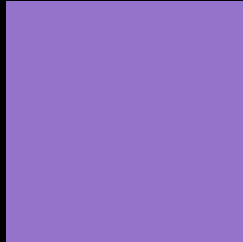
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3047, 22.9628, 59.3877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

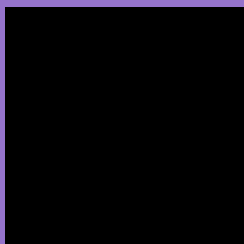
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3047, 22.9628, 59.3877

Background



This preview shows how black text looks on a background with the XYZ color 29.3047, 22.9628, 59.3877.



This preview shows how white text looks on a background with the XYZ color 29.3047, 22.9628,

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

29.3047, 22.9628, 59.3877

Protanopia

25.0458, 23.1482, 67.4380

Deuteranopia

23.7972, 23.1121, 57.8504



Tritanopia

22.8270, 22.8830, 27.6398

Trichromacy



Original Color

29.3047, 22.9628, 59.3877

Protanomaly

26.1680, 22.8315, 64.6557

Deuteranomaly

25.3474, 22.7358, 58.3108

Tritanomaly

24.7137, 22.6867, 37.2588

Monochromacy



Original Color

29.3047, 22.9628, 59.3877

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.8796, 23.5519, 36.4924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3047, 22.9628, 59.3877 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(149, 115, 203)` looks like.

```
.text, #text, p{  
    color:rgb(149, 115, 203)  
}
```

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(149, 115, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 115, 203) }
```

Border

The CSS property to change the border of an element to XYZ 29.3047, 22.9628, 59.3877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

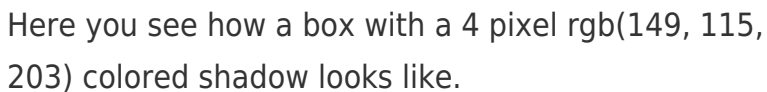
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 115, 203) }
```


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

```
.border{ border-color:rgb(149, 115, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(149, 115, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 115, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 115, 203);  
box-shadow:4px 4px 4px 4px rgb(149, 115,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3047, 22.9628, 59.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 115, 203) }
```

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

```
.background{ background-color: rgb(149,  
115, 203) }
```

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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