

Converting Colors

XYZ(29.0523, 22.9916, 52.1968)

Have a look what the booklet for
XYZ(29.0523, 22.9916, 52.1968)
contains.

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Color

**XYZ(29.0523, 22.9916,
52.1968)**

Conversions

Conversions Part 1

Format	Color
Hex	9B73BF
RGB	155, 115, 191
RGB Percent	61%, 45%, 75%
CMY	0.3921, 0.5490, 0.2510
CMYK	0.19, 0.40, 0.00, 0.25
HSL	272°, 37%, 60%
HSV	272°, 40%, 75%
XYZ	29.0523, 22.9916, 52.1968
YIQ	135.6240, -0.5560, 32.1160

Conversions

Conversions Part 2

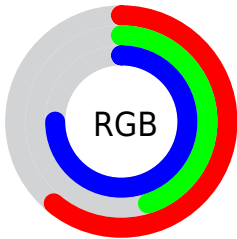
Format	Color
R _Y B	155, 115, 191
Decimal	10187711
CIE Lab	55.06, 30.50, -34.00
CIE LCh	55, 45.679, 311.891
Yxy	22.9916, 0.2787, 0.2206
Android (android.graphics.Color)	4288377791 (0xFF9B73BF)
YUV	135.6240, 27.3004, 16.9928
Hunter-Lab	47.9496, 24.2402, -30.9771

Details

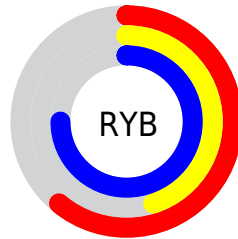
The XYZ color **29.0523, 22.9916, 52.1968** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **34.4884, 45.0792, 23.1040**, and the grayscale version is **23.1635, 24.3698, 26.5387**.

A 20% lighter version of the original color is **57.8099, 48.6315, 95.1468**, and **11.9431, 8.5274, 24.6834** is the 20% darker color. If you saturate the color by 10%, you get **25.4241, 18.2165, 51.4667**, and if you desaturate by 10%, it is **33.2634, 28.7381, 53.0844**.

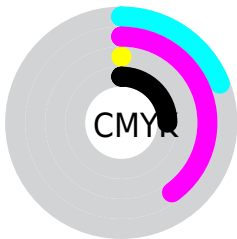
Distribution



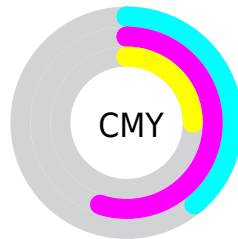
- Red (61%)
- Green (45%)
- Blue (75%)



- Red (61%)
- Yellow (45%)
- Blue (75%)



- Cyan (19%)
- Magenta (40%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0523, 22.9916, 52.1968 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 29.0523, 22.9916, 52.1968 by changing the saturation by 10% instead.

■ 29.0523, 22.9916,
52.1968

■ 29.0523, 22.9916,
52.1968

289.4514,
267.6818, 412.1744

■ 19.2649, 14.5873,
36.7786

■ 57.5572, 48.3795,
94.8509

■ 11.9670, 8.5303,
24.7417

■ 77.0053, 66.1320,
122.9240

■ 6.7932, 4.4361,
15.6675

■ 100.4044, 87.7692,
156.0525

■ 3.3783, 1.9204,
9.1373

■ 128.1197,
113.6757, 194.6549

■ 1.3568, 0.5606,
4.7328

160.5168,
144.2358, 239.1497

■ 0.2252, 0.0000,
2.0354

197.9608,

■ 0.0000, 0.0000,

179.8340, 289.9556

0.5769

240.8173,
220.8545, 347.4910

■ 0.0000, 0.0000,
0.0000

■ 29.0523, 22.9916,
52.1968

■ 29.0523, 22.9916,
52.1968

■ 25.4241, 18.2165,
51.4667

■ 33.2634, 28.7381,
53.0844

■ 22.3456, 14.3524,
50.8831

■ 38.0835, 35.5059,
54.1367

■ 19.7833, 11.3362,
50.4360

■ 43.5398, 43.3448,
55.3622

■ 17.6987, 9.0954,
50.1133

■ 49.6569, 52.3005,
56.7684

■ 16.0468, 7.5446,
49.9011

■ 56.4583, 62.4159,
58.3624

■ 14.7438, 6.5208,
49.7721

■ 63.9660, 73.7317,
60.1509

■ 14.7182, 6.5012,
49.7697

■ 72.2013, 86.2866,
62.1401

■ 76.9627, 91.6744,
62.9291

■ 79.8983, 93.1878,
63.0665

Harmonies

Analogous

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



23.9298, 22.9916, 63.6432



29.0523, 22.9916, 52.1968



32.5244, 22.9916, 34.7844

Triad

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



29.0523, 22.9916, 52.1968



25.0347, 22.9916, 6.7379



13.6142, 22.9916, 31.2576

Complementary

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



29.0523, 22.9916, 52.1968



34.4884, 45.0792, 23.1040

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.



13.8154, 22.9916, 17.3005



29.0523, 22.9916, 52.1968



19.8997, 22.9916, 6.4155

Square

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



29.0523, 22.9916, 52.1968



29.9685, 22.9916, 10.6063



15.9534, 22.9916, 9.4403



15.3530, 22.9916, 48.7694

Rectangle

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



29.0523, 22.9916, 52.1968



33.1527, 22.9916, 24.1214



15.9534, 22.9916, 9.4403



13.4656, 22.9916, 25.9692

Sweetspot

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



29.0531, 22.9925, 52.1973



75.5271, 74.0804, 98.5974



27.6599, 29.7772, 53.5803



16.2950, 15.8490, 21.5856



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.0531, 22.9925, 52.1973



46.1570, 33.4289, 92.2988



36.8823, 27.0447, 51.8391



9.4828, 9.4658, 11.9995



9.7662, 4.3207, 32.7121



0.4576, 0.2079, 1.2849

Inverse Universe

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



33.2031, 25.5730, 32.4648



55.0241, 38.9359, 50.4372



28.8696, 42.1742, 23.2242



9.7132, 9.6096, 10.8789



15.3864, 7.7857, 7.3284



0.6358, 0.3182, 0.4612

Previews

White Background



This preview shows how the XYZ color 29.0523, 22.9916, 52.1968 looks on a white background.

Color Contrast Check

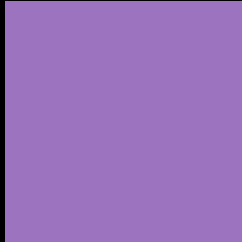
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0523, 22.9916, 52.1968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

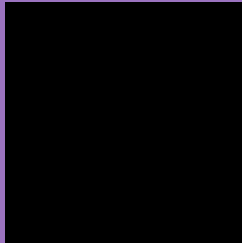
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0523, 22.9916, 52.1968

Background



This preview shows how black text looks on a background with the XYZ color 29.0523, 22.9916, 52.1968.



This preview shows how white text looks on a background with the XYZ color 29.0523, 22.9916,

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

29.0523, 22.9916, 52.1968

Protanopia

24.7060, 23.3412, 59.7031

Deuteranopia

23.7489, 23.2429, 50.8116



Tritanopia

23.9588, 23.0959, 26.8621

Trichromacy



Original Color

29.0523, 22.9916, 52.1968

Protanomaly

25.9546, 23.0758, 57.1190

Deuteranomaly

25.2713, 22.8534, 51.2233

Tritanomaly

25.5632, 22.9898, 34.9884

Monochromacy



Original Color

29.0523, 22.9916, 52.1968

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.0476, 23.6783, 34.7027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0523, 22.9916, 52.1968 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(155, 115, 191)` looks like.

```
.text, #text, p{  
    color:rgb(155, 115, 191)  
}
```

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(155, 115, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 115, 191) }
```

Border

The CSS property to change the border of an element to XYZ 29.0523, 22.9916, 52.1968 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(155, 115, 191) }
```


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

```
.border{ border-color:rgb(155, 115, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 115, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 115, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 115, 191);  
box-shadow:4px 4px 4px 4px rgb(155, 115,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0523, 22.9916, 52.1968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 115, 191) }
```

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

```
.background{ background-color: rgb(155,  
115, 191) }
```

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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