

Converting Colors

XYZ(29.1869, 22.2233, 34.1059)

Have a look what the booklet for
XYZ(29.1869, 22.2233, 34.1059)
contains.

XYZ(29.1629, 22.1458, 34.1900)	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(29.1629, 22.1458,
34.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	B06B9C
RGB	176, 107, 156
RGB Percent	69%, 42%, 61%
CMY	0.3098, 0.5804, 0.3882
CMYK	0.00, 0.39, 0.11, 0.31
HSL	317°, 30%, 55%
HSV	317°, 39%, 69%
XYZ	29.1629, 22.1458, 34.1900
YIQ	133.2170, 25.3950, 29.8670

Conversions

Conversions Part 2

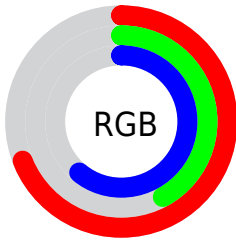
Format	Color
R_{YB}	176, 107, 156
Decimal	11561884
CIE _{Lab}	54.18, 34.73, -14.94
CIE _{LCh}	54, 37.806, 336.729
Yxy	22.1458, 0.3411, 0.2590
Android (android.graphics.Color)	4289751964 (0xFFB06B9C)
YUV	133.2170, 11.2320, 37.5207
Hunter-Lab	47.0593, 28.2635, -10.1344

Details

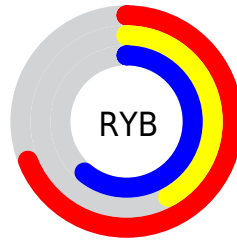
The XYZ color **29.1629, 22.1458, 34.1900** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.4204, 35.7094, 25.6330**, and the grayscale version is **22.3279, 23.4906, 25.5813**.

A 20% lighter version of the original color is **57.9330, 47.1684, 67.6790**, and **12.0390, 8.0838, 14.2904** is the 20% darker color. If you saturate the color by 10%, you get **27.0884, 18.6735, 31.4118**, and if you desaturate by 10%, it is **31.6303, 26.3743, 37.1892**.

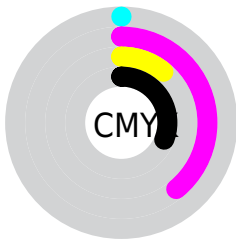
Distribution



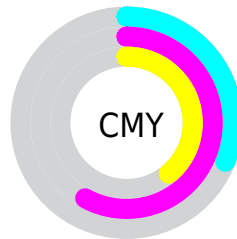
- Red (69%)
- Green (42%)
- Blue (61%)



- Red (69%)
- Yellow (42%)
- Blue (61%)



- Cyan (0%)
- Magenta (39%)
- Yellow (11%)
- Black (31%)



- Cyan (31%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1629, 22.1458, 34.1900 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 29.1629, 22.1458, 34.1900 by changing the saturation by 10% instead.

■ 29.1629, 22.1458,
34.1900

■ 29.1629, 22.1458,
34.1900

289.9631,
263.3067, 335.7734

■ 19.3490, 13.9641,
22.7611

■ 57.7316, 46.9869,
67.3663

■ 12.0282, 8.0957,
14.2135

■ 77.2170, 64.4150,
89.9507

■ 6.8352, 4.1562,
8.1289

■ 100.6571, 85.6940,
117.0907

■ 3.4047, 1.7613,
4.0886

■ 128.4170,
111.2083, 149.2049

■ 1.3712, 0.4629,
1.6741

160.8623,
141.3424, 186.7117

■ 0.2356, 0.0000,
0.3429

198.3581,

■ 0.0000, 0.0000,

176.4805, 230.0297

0.0000

241.2700,
217.0072, 279.5774

■ 29.1629, 22.1458,
34.1900

■ 29.1629, 22.1458,
34.1900

■ 27.0884, 18.6735,
31.4118

■ 31.6303, 26.3743,
37.1892

■ 25.3819, 15.9087,
28.8444

■ 34.5098, 31.3978,
40.4161

■ 24.0184, 13.8016,
26.4787


■ 37.8215, 37.2561,
43.8788

■ 22.9690, 12.2949,
24.3040


■ 41.5837, 43.9853,
47.5843


■ 22.1999, 11.3210,
22.3078


■ 45.8136, 51.6197,
51.5395


 21.6465, 10.7513,
20.4673

 50.5276, 60.1913,
55.7506

 21.6052, 10.7104,
20.3250

 55.7411, 69.7309,
60.2240

 61.4688, 80.2678,
64.9654

 64.3153, 85.0105,
68.8440

Harmonies

Analogous

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



26.1300, 22.1458, 47.1422



29.1629, 22.1458, 34.1900



29.8994, 22.1458, 21.5604

Triad

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



29.1629, 22.1458, 34.1900



20.1377, 22.1458, 7.9115



15.3362, 22.1458, 40.3123

Complementary

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



29.1629, 22.1458, 34.1900



25.4204, 35.7094, 25.6330

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.



14.1440, 22.1458, 26.8595



29.1629, 22.1458, 34.1900



16.6733, 22.1458, 10.1559

Square

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



29.1629, 22.1458, 34.1900



24.3233, 22.1458, 8.7394



14.5996, 22.1458, 16.2405



18.0824, 22.1458, 51.4054

Rectangle

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



29.1629, 22.1458, 34.1900



28.9135, 22.1458, 15.3091



14.5996, 22.1458, 16.2405



14.7579, 22.1458, 35.7740

Sweetspot

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



29.1636, 22.1468, 34.1905



66.7042, 64.2107, 77.6465



21.7807, 18.1287, 43.4258



14.2890, 13.6198, 16.6543



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.1636, 22.1468, 34.1905



49.6077, 34.6580, 57.6423



26.6728, 21.1505, 21.0739



8.7429, 8.6039, 10.1447



15.8784, 7.8689, 15.0514



0.5234, 0.2571, 0.5990

Inverse Universe

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



29.1636, 22.1468, 34.1905



49.6077, 34.6580, 57.6423



28.0269, 36.7520, 39.3586



8.7429, 8.6039, 10.1447



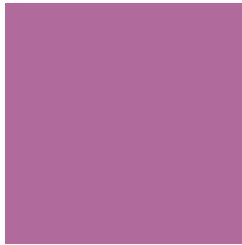
15.8784, 7.8689, 15.0514



0.5234, 0.2571, 0.5990

Previews

White Background



This preview shows how the XYZ color 29.1629, 22.1458, 34.1900 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 29.1629, 22.1458, 34.1900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

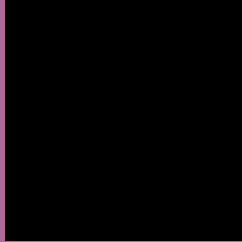
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1629, 22.1458, 34.1900

Background



This preview shows how black text looks on a background with the XYZ color 29.1629, 22.1458, 34.1900.



This preview shows how white text looks on a background with the XYZ color 29.1629, 22.1458,

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

29.1629, 22.1458, 34.1900

Protanopia

22.5411, 22.2302, 41.6309

Deuteranopia

22.7726, 22.3513, 32.8197



Tritanopia

26.5434, 22.2104, 21.3004

Trichromacy



Original Color

29.1629, 22.1458, 34.1900

Protanomaly

24.2469, 21.6751, 38.9822

Deuteranomaly

24.6790, 22.0287, 33.0882

Tritanomaly

27.2211, 21.9743, 25.3610

Monochromacy



Original Color

29.1629, 22.1458, 34.1900

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.4098, 22.7280, 28.2997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1629, 22.1458, 34.1900 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(176, 107, 156)` looks like.

```
.text, #text, p{  
    color:rgb(176, 107, 156)  
}
```

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(176, 107, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 107, 156) }
```

Border

The CSS property to change the border of an element to XYZ 29.1629, 22.1458, 34.1900 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(176, 107, 156) }
```


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

```
.border{ border-color:rgb(176, 107, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 107, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 107, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 107, 156);  
box-shadow:4px 4px 4px 4px rgb(176, 107,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1629, 22.1458, 34.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 107, 156) }
```

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

```
.background{ background-color: rgb(176,  
107, 156) }
```

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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