

Converting Colors

XYZ(29.4914, 23.0667, 36.5881)

Have a look what the booklet for
XYZ(29.4914, 23.0667, 36.5881)
contains.

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Color

**XYZ(29.4608, 23.0458,
36.6137)**

Conversions

Conversions Part 1

Format	Color
Hex	AD70A1
RGB	173, 112, 161
RGB Percent	68%, 44%, 63%
CMY	0.3216, 0.5608, 0.3686
CMYK	0.00, 0.35, 0.07, 0.32
HSL	312°, 27%, 56%
HSV	312°, 35%, 68%
XYZ	29.4608, 23.0458, 36.6137
YIQ	135.8250, 20.6270, 28.1710

Conversions

Conversions Part 2

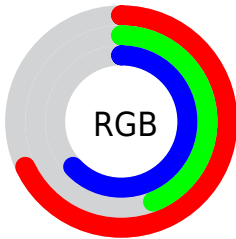
Format	Color
RYB	173, 112, 161
Decimal	11366561
CIELab	55.12, 31.83, -16.46
CIELCh	55, 35.834, 332.659
Yxy	23.0458, 0.3306, 0.2586
Android (android.graphics.Color)	4289556641 (0xFFAD70A1)
YUV	135.8250, 12.4113, 32.6025
Hunter-Lab	48.0060, 25.5330, -11.6156

Details

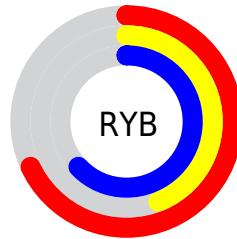
The XYZ color **29.4608, 23.0458, 36.6137** is a light color, and the websafe version is hex **996699**. A complement of this color would be **25.2648, 34.7879, 24.4535**, and the grayscale version is **23.2866, 24.4993, 26.6798**.

A 20% lighter version of the original color is **58.1629, 48.5261, 71.2667**, and **12.0907, 8.4713, 15.4659** is the 20% darker color. If you saturate the color by 10%, you get **27.4363, 19.4703, 34.4783**, and if you desaturate by 10%, it is **31.8616, 27.3601, 38.9154**.

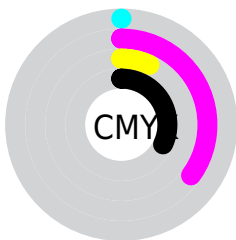
Distribution



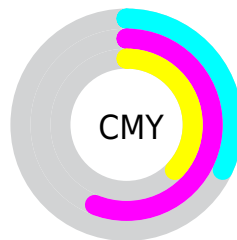
- Red (68%)
- Green (44%)
- Blue (63%)



- Red (68%)
- Yellow (44%)
- Blue (63%)



- Cyan (0%)
- Magenta (35%)
- Yellow (7%)
- Black (32%)



- Cyan (32%)
- Magenta (56%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4608, 23.0458, 36.6137 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 29.4608, 23.0458, 36.6137 by changing the saturation by 10% instead.

■ 29.4608, 23.0458,
36.6137

■ 29.4608, 23.0458,
36.6137

291.3381,
267.9601, 346.7532

■ 19.5757, 14.6273,
24.6151

■ 58.2009, 48.4685,
71.1579

■ 12.1935, 8.5583,
15.5741

■ 77.7867, 66.2416,
94.5406

■ 6.9487, 4.4542,
9.0722

■ 101.3367, 87.9016,
122.5551

■ 3.4761, 1.9307,
4.6909

■ 129.2163,
113.8330, 155.6199

■ 1.4102, 0.5668,
2.0115

161.7909,
144.4201, 194.1536

■ 0.2635, 0.0000,
0.5623

199.4258,

■ 0.0000, 0.0000,

180.0474, 238.5747

0.0000

242.4864,
221.0993, 289.3017

■ 29.4608, 23.0458,
36.6137

■ 29.4608, 23.0458,
36.6137

■ 27.4363, 19.4703,
34.4783

■ 31.8616, 27.3601,
38.9154

■ 25.7649, 16.5884,
32.5003

■ 34.6561, 32.4489,
41.3887

■ 24.4240, 14.3545,
30.6721

■ 37.8630, 38.3494,
44.0404

■ 23.3874, 12.7166,
28.9848

■ 41.4994, 45.0954,
46.8765

■ 22.6250, 11.6144,
27.4279

■ 45.5812, 52.7187,
49.9026

■ 22.0993, 10.9730,
25.9886

■ 50.1236, 61.2497,
53.1241

■ 21.8915, 10.7474,
25.3334

■ 55.1410, 70.7170,
56.5461

■ 60.6473, 81.1483,
60.1735

■ 62.4676, 84.1939,
62.6149

Harmonies

Analogous

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



26.3166, 23.0458, 48.5446



29.4608, 23.0458, 36.6137



30.5085, 23.0458, 24.0861

Triad

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



29.4608, 23.0458, 36.6137



21.5499, 23.0458, 8.9083



16.0529, 23.0458, 38.9353

Complementary

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



29.4608, 23.0458, 36.6137



25.2648, 34.7879, 24.4535

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.



15.0922, 23.0458, 26.1275



29.4608, 23.0458, 36.6137



18.0151, 23.0458, 10.7549

Square

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



29.4608, 23.0458, 36.6137



25.6251, 23.0458, 10.1851



15.7649, 23.0458, 16.2845



18.5624, 23.0458, 50.1465

Rectangle

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



29.4608, 23.0458, 36.6137



29.7851, 23.0458, 17.5361



15.7649, 23.0458, 16.2845



15.5529, 23.0458, 34.5581

Sweetspot

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



29.4615, 23.0468, 36.6142



64.3111, 62.2316, 76.0161



21.5327, 18.8312, 42.0356



13.8174, 13.2324, 16.3873



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.4615, 23.0468, 36.6142



49.9908, 36.3663, 62.6866



27.1469, 22.1210, 24.4255



8.2685, 8.1207, 9.7248



16.1027, 7.9036, 18.7180



0.4650, 0.2267, 0.6103

Inverse Universe

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



29.4615, 23.0468, 36.6142



49.9908, 36.3663, 62.6866



27.4329, 35.6552, 35.8709



8.2685, 8.1207, 9.7248



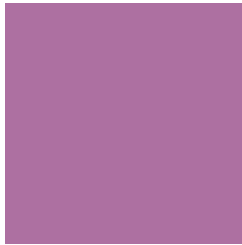
16.1027, 7.9036, 18.7180



0.4650, 0.2267, 0.6103

Previews

White Background



This preview shows how the XYZ color 29.4608, 23.0458, 36.6137 looks on a white background.

Color Contrast Check

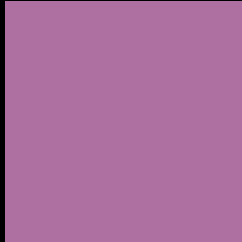
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4608, 23.0458, 36.6137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

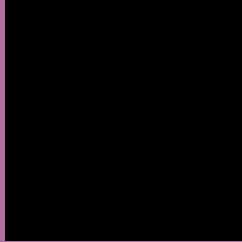
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4608, 23.0458, 36.6137

Background



This preview shows how black text looks on a background with the XYZ color 29.4608, 23.0458, 36.6137.



This preview shows how white text looks on a background with the XYZ color 29.4608, 23.0458,

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

29.4608, 23.0458, 36.6137

Protanopia

23.5020, 23.2817, 43.2995

Deuteranopia

23.6947, 23.1557, 35.5684



Tritanopia

26.8553, 23.1872, 23.4822

Trichromacy



Original Color

29.4608, 23.0458, 36.6137

Protanomaly

25.0165, 22.7688, 40.6124

Deuteranomaly

25.5537, 22.9650, 35.8868

Tritanomaly

27.5566, 22.9303, 27.7845

Monochromacy



Original Color

29.4608, 23.0458, 36.6137

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.0946, 23.6126, 30.0231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4608, 23.0458, 36.6137 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(173, 112, 161)` looks like.

```
.text, #text, p{  
    color:rgb(173, 112, 161)  
}
```

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(173, 112, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 112, 161) }
```

Border

The CSS property to change the border of an element to XYZ 29.4608, 23.0458, 36.6137 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(173, 112, 161) }
```


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

```
.border{ border-color:rgb(173, 112, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 112, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 112, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 112, 161);  
box-shadow:4px 4px 4px 4px rgb(173, 112,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4608, 23.0458, 36.6137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 112, 161) }
```

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

```
.background{ background-color: rgb(173,  
112, 161) }
```

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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