

Converting Colors

XYZ(29.3653, 23.3085, 32.5954)

Have a look what the booklet for
XYZ(29.3653, 23.3085, 32.5954)
contains.

XYZ(29.2518, 23.1912, 32.6404)	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(29.2518, 23.1912,
32.6404)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7198
RGB	175, 113, 152
RGB Percent	69%, 44%, 60%
CMY	0.3137, 0.5568, 0.4039
CMYK	0.00, 0.35, 0.13, 0.31
HSL	322°, 28%, 56%
HSV	322°, 35%, 69%
XYZ	29.2518, 23.1912, 32.6404
YIQ	135.9840, 24.4330, 25.2730

Conversions

Conversions Part 2

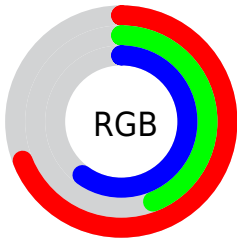
Format	Color
R_{YB}	175, 113, 152
Decimal	11497880
CIE _{Lab}	55.27, 30.39, -10.98
CIE _{LCh}	55, 32.307, 340.139
Yxy	23.1912, 0.3438, 0.2726
Android (android.graphics.Color)	4289687960 (0xFFAF7198)
YUV	135.9840, 7.8959, 34.2170
Hunter-Lab	48.1572, 24.1498, -6.4760

Details

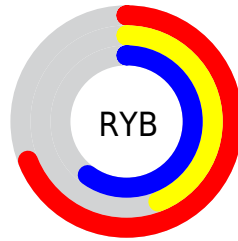
The XYZ color **29.2518, 23.1912, 32.6404** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.5849, 35.9489, 28.8317**, and the grayscale version is **23.3613, 24.5779, 26.7654**.

A 20% lighter version of the original color is **57.7318, 48.7176, 64.7532**, and **12.0116, 8.5595, 13.3310** is the 20% darker color. If you saturate the color by 10%, you get **26.9672, 19.4496, 29.3269**, and if you desaturate by 10%, it is **31.9433, 27.6994, 36.2336**.

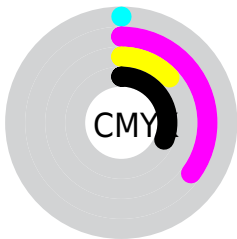
Distribution



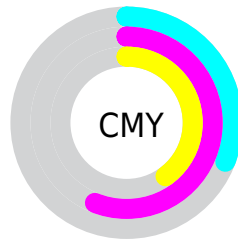
- Red (69%)
- Green (44%)
- Blue (60%)



- Red (69%)
- Yellow (44%)
- Blue (60%)



- Cyan (0%)
- Magenta (35%)
- Yellow (13%)
- Black (31%)



- Cyan (31%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2518, 23.1912, 32.6404 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 29.2518, 23.1912, 32.6404 by changing the saturation by 10% instead.

■ 29.2518, 23.1912,
32.6404

■ 29.2518, 23.1912,
32.6404

290.3740,
268.7055, 328.6084

■ 19.4166, 14.7348,
21.5823

■ 57.8717, 48.7071,
64.9232

■ 12.0775, 8.6334,
13.3549

■ 77.3871, 66.5353,
86.9850

■ 6.8691, 4.5029,
7.5398

■ 100.8600, 88.2563,
113.5517

■ 3.4259, 1.9587,
3.7184

■ 128.6558,
114.2543, 145.0419

■ 1.3828, 0.5833,
1.4722

161.1397,
144.9139, 181.8741

■ 0.2439, 0.0000,
0.1971

198.6771,

■ 0.0000, 0.0000,

180.6193, 224.4669

0.0000

241.6334,
221.7551, 273.2388

■ 29.2518, 23.1912,
32.6404

■ 29.2518, 23.1912,
32.6404

■ 26.9672, 19.4496,
29.3269

■ 31.9433, 27.6994,
36.2336

■ 25.0654, 16.4280,
26.2821

■ 35.0601, 33.0113,
40.1143

■ 23.5225, 14.0791,
23.4960


■ 38.6219, 39.1652,
44.2913


■ 22.3113, 12.3493,
20.9571


■ 42.6466, 46.1960,
48.7727


■ 21.4001, 11.1759,
18.6523


■ 47.1509, 54.1368,
53.5662


 20.7495, 10.4811,
16.5661

 52.1509, 63.0188,
58.6792

 20.4980, 10.2415,
15.6705

 57.6617, 72.8718,
64.1187

 63.6979, 83.7243,
69.8916

 65.1260, 85.3087,
74.2887

Harmonies

Analogous

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



26.8366, 23.1912, 43.7434



29.2518, 23.1912, 32.6404



29.6217, 23.1912, 21.9048

Triad

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



29.2518, 23.1912, 32.6404



20.8408, 23.1912, 10.2816



17.1419, 23.1912, 40.3902

Complementary

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



29.2518, 23.1912, 32.6404



26.5849, 35.9489, 28.8317

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.



15.8808, 23.1912, 28.9223



29.2518, 23.1912, 32.6404



17.8564, 23.1912, 12.8802

Square

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



29.2518, 23.1912, 32.6404



24.4907, 23.1912, 10.7690



16.1273, 23.1912, 19.0710



19.7632, 23.1912, 48.9982

Rectangle

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



29.2518, 23.1912, 32.6404



28.6205, 23.1912, 16.5128



16.1273, 23.1912, 19.0710



16.5586, 23.1912, 36.6302

Sweetspot

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



29.2525, 23.1923, 32.6409



65.3941, 63.6027, 74.9461



23.7541, 20.1186, 43.1890



14.3505, 13.8189, 16.4400



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.



29.2525, 23.1923, 32.6409



48.9368, 35.8691, 53.4879



27.0527, 22.3124, 21.0571



8.2091, 8.0969, 9.4120



14.7097, 7.3464, 11.3824



0.4345, 0.2145, 0.4496

Inverse Universe

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



29.2525, 23.1923, 32.6409



48.9368, 35.8691, 53.4879



29.0912, 36.9514, 42.0297



8.2091, 8.0969, 9.4120



14.7097, 7.3464, 11.3824



0.4345, 0.2145, 0.4496

Previews

White Background



This preview shows how the XYZ color 29.2518, 23.1912, 32.6404 looks on a white background.

Color Contrast Check

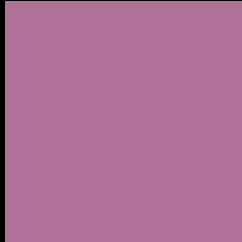
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2518, 23.1912, 32.6404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

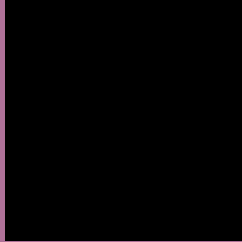
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2518, 23.1912, 32.6404

Background



This preview shows how black text looks on a background with the XYZ color 29.2518, 23.1912, 32.6404.



This preview shows how white text looks on a background with the XYZ color 29.2518, 23.1912,

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

29.2518, 23.1912, 32.6404

Protanopia

23.2746, 23.2729, 38.3874

Deuteranopia

23.7563, 23.2737, 31.6740



Tritanopia

27.3225, 23.2598, 23.1282

Trichromacy



Original Color

29.2518, 23.1912, 32.6404

Protanomaly

24.8805, 22.7930, 36.3459

Deuteranomaly

25.3505, 22.9472, 31.9473

Tritanomaly

27.9229, 23.1526, 26.2898

Monochromacy



Original Color

29.2518, 23.1912, 32.6404

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.1793, 23.8754, 28.8725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2518, 23.1912, 32.6404 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(175, 113, 152)` looks like.

```
.text, #text, p{  
    color:rgb(175, 113, 152)  
}
```

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(175, 113, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 113, 152) }
```

Border

The CSS property to change the border of an element to XYZ 29.2518, 23.1912, 32.6404 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(175, 113, 152) }
```


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

```
.border{ border-color:rgb(175, 113, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 113, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 113, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 113, 152);  
box-shadow:4px 4px 4px 4px rgb(175, 113,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2518, 23.1912, 32.6404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 113, 152) }
```

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

```
.background{ background-color: rgb(175,  
113, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor