

Converting Colors

XYZ(29.0472, 23.1541, 25.0878)

Have a look what the booklet for
XYZ(29.0472, 23.1541, 25.0878)
contains.

| | |
|--|----|
| XYZ(29.0839, 23.1056, 25.1172) | 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(29.0839, 23.1056,
25.1172)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--|
| Hex | B57085 |
| RGB | 181, 112, 133 |
| RGB Percent | 71%, 44%, 52% |
| CMY | 0.2902, 0.5608, 0.4784 |
| CMYK | 0.00, 0.38, 0.27, 0.29 |
| HSL | 342°, 32%, 57% |
| HSV | 342°, 38%, 71% |
| XYZ | 29.0839, 23.1056, 25.1172 |
| YIQ | 135.0250, 34.3830, 21.1590 |

Conversions

Conversions Part 2

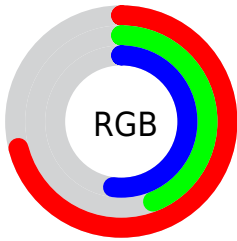
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 181, 112, 133 |
| Decimal | 11890821 |
| CIE _{Lab} | 55.18, 30.12, 0.07 |
| CIE _{LCh} | 55, 30.117, 0.127 |
| Yxy | 23.1056, 0.3762, 0.2989 |
| Android (android.graphics.Color) | 4290080901 (0xFFB57085) |
| YUV | 135.0250, -0.9983, 40.3201 |
| Hunter-Lab | 48.0683, 23.8826, 2.6669 |

Details

The XYZ color **29.0839, 23.1056, 25.1172** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.5522, 39.0312, 39.2360**, and the grayscale version is **23.0337, 24.2332, 26.3900**.

A 20% lighter version of the original color is **57.5780, 48.6326, 52.8067**, and **11.9270, 8.5210, 9.4036** is the 20% darker color. If you saturate the color by 10%, you get **26.4654, 19.1783, 20.2065**, and if you desaturate by 10%, it is **32.2094, 27.8797, 30.7120**.

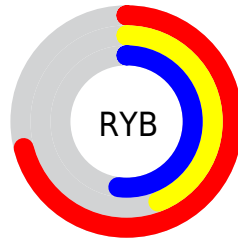
Distribution



Red (71%)

Green (44%)

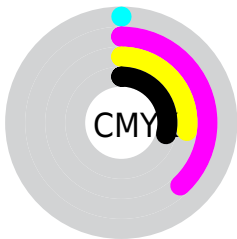
Blue (52%)



Red (71%)

Yellow (44%)

Blue (52%)

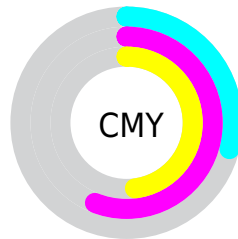


Cyan (0%)

Magenta (38%)

Yellow (27%)

Black (29%)



Cyan (29%)


Magenta (56%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0839, 23.1056, 25.1172 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 29.0839, 23.1056, 25.1172 by changing the saturation by 10% instead.


 29.0839, 23.1056,
25.1172


 29.0839, 23.1056,
25.1172


289.5977,
268.2669, 291.8874

 19.2889, 14.6715,
15.9446


 57.6070, 48.5667,
52.8138


 11.9845, 8.5892,
9.3310


 77.0658, 66.3624,
72.1748

 6.8052, 4.4742,
4.8580


 100.4766, 88.0475,
95.7690

 3.3858, 1.9422,
2.1069

 128.2047,
114.0063, 124.0150

 1.3609, 0.5736,
0.6199

160.6155,
144.6233, 157.3313

 0.2281, 0.0000,
0.0000

198.0744,

 0.0000, 0.0000,

180.2828, 196.1365

0.0000

240.9467,
221.3692, 240.8490

■ 29.0839, 23.1056,
25.1172

■ 29.0839, 23.1056,
25.1172

■ 26.4654, 19.1783,
20.2065

■ 32.2094, 27.8797,
30.7120

■ 24.3242, 16.0446,
15.9511

■ 35.8657, 33.5430,
37.0153

■ 22.6301, 13.6505,
12.3221


■ 40.0773, 40.1391,
44.0520

■ 21.3489, 11.9337,
9.2876


■ 44.8666, 47.7076,
51.8452


■ 20.4404, 10.8216,
6.8125


■ 50.2548, 56.2861,
60.4169

 19.8429, 10.1976,
4.8523

 56.2618, 65.9098,
69.7885

 19.7476, 10.1004,
4.5332

 62.9069, 76.6125,
79.9803

 69.6297, 87.2692,
90.8190

 71.5013, 88.0179,
100.6748

Harmonies

Analogous

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



28.0599, 23.1056, 35.5569



29.0839, 23.1056, 25.1172



28.0431, 23.1056, 16.9599

Triad

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



29.0839, 23.1056, 25.1172



18.8725, 23.1056, 12.2981



18.8949, 23.1056, 44.8785

Complementary

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



29.0839, 23.1056, 25.1172



29.5522, 39.0312, 39.2360

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.



16.8291, 23.1056, 35.6462



29.0839, 23.1056, 25.1172



16.8171, 23.1056, 17.0145

Square

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



29.0839, 23.1056, 25.1172



21.9469, 23.1056, 10.8100



16.1081, 23.1056, 25.1990



21.9755, 23.1056, 48.5964

Rectangle

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



29.0839, 23.1056, 25.1172



26.3736, 23.1056, 13.4526



16.1081, 23.1056, 25.1990



18.0706, 23.1056, 42.2177

Sweetspot

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



29.0845, 23.1067, 25.1177



69.3575, 68.0855, 74.8914



28.4634, 22.3121, 46.5228



14.7705, 14.3705, 15.8202



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.0845, 23.1067, 25.1177



47.9812, 35.2128, 37.3074



29.2710, 25.5736, 18.7241



8.5993, 8.5464, 9.3883



13.6411, 6.9740, 3.2700



0.4559, 0.2301, 0.2432

Inverse Universe

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



29.0845, 23.1067, 25.1177



47.9812, 35.2128, 37.3074



29.0908, 34.9164, 48.9226



8.5993, 8.5464, 9.3883



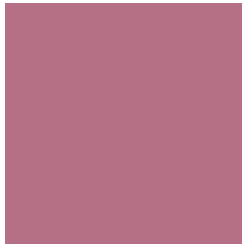
13.6411, 6.9740, 3.2700



0.4559, 0.2301, 0.2432

Previews

White Background



This preview shows how the XYZ color 29.0839, 23.1056, 25.1172 looks on a white background.

Color Contrast Check

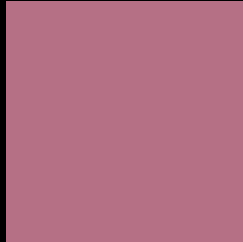
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0839, 23.1056, 25.1172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

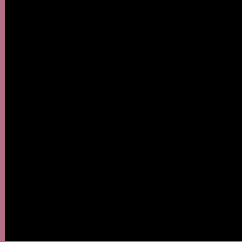
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0839, 23.1056, 25.1172

Background



This preview shows how black text looks on a background with the XYZ color 29.0839, 23.1056, 25.1172.



This preview shows how white text looks on a background with the XYZ color 29.0839, 23.1056,

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

29.0839, 23.1056, 25.1172

Protanopia

22.7222, 23.3722, 30.1018

Deuteranopia

23.6025, 23.1610, 24.3456



Tritanopia

28.3526, 23.1431, 21.3851

Trichromacy



Original Color

29.0839, 23.1056, 25.1172

Protanomaly

24.5358, 22.9799, 28.3417

Deuteranomaly

25.3543, 22.9287, 24.5621

Tritanomaly

28.4934, 23.0199, 22.6802

Monochromacy



Original Color

29.0839, 23.1056, 25.1172

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.8413, 23.5754, 25.7955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0839, 23.1056, 25.1172 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(181, 112, 133)` looks like.

```
.text, #text, p{  
    color:rgb(181, 112, 133)  
}
```

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(181, 112, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 112, 133) }
```

Border

The CSS property to change the border of an element to XYZ 29.0839, 23.1056, 25.1172 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(181, 112, 133) }
```


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

```
.border{ border-color:rgb(181, 112, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 112, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 112, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 112, 133);  
box-shadow:4px 4px 4px 4px rgb(181, 112,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0839, 23.1056, 25.1172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 112, 133) }
```

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

```
.background{ background-color: rgb(181,  
112, 133) }
```

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