

Converting Colors

XYZ(30.9827, 23.9801, 33.6161)

Have a look what the booklet for
XYZ(30.9827, 23.9801, 33.6161)
contains.

XYZ(31.0293, 24.0884, 33.5860)	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(31.0293, 24.0884,
33.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	B6719A
RGB	182, 113, 154
RGB Percent	71%, 44%, 60%
CMY	0.2863, 0.5568, 0.3961
CMYK	0.00, 0.38, 0.15, 0.29
HSL	324°, 32%, 58%
HSV	324°, 38%, 71%
XYZ	31.0293, 24.0884, 33.5860
YIQ	138.3050, 27.9630, 27.3790

Conversions

Conversions Part 2

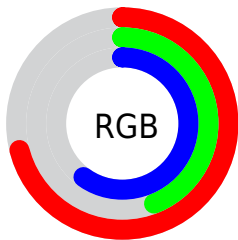
Format	Color
R_{YB}	182, 113, 154
Decimal	11956634
CIE _{Lab}	56.18, 33.18, -10.69
CIE _{LCh}	56, 34.858, 342.138
Yxy	24.0884, 0.3498, 0.2716
Android (android.graphics.Color)	4290146714 (0xFFB6719A)
YUV	138.3050, 7.7376, 38.3205
Hunter-Lab	49.0799, 26.9613, -6.2169

Details

The XYZ color **31.0293, 24.0884, 33.5860** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.3468, 38.8905, 31.2136**, and the grayscale version is **24.2384, 25.5007, 27.7703**.

A 20% lighter version of the original color is **60.6180, 50.1772, 66.1648**, and **13.1278, 9.1235, 13.9011** is the 20% darker color. If you saturate the color by 10%, you get **28.6025, 20.1889, 29.8349**, and if you desaturate by 10%, it is **33.9026, 28.8196, 37.6732**.

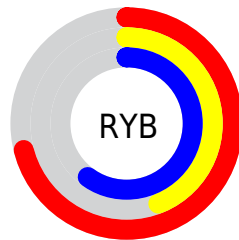
Distribution



Red (71%)

Green (44%)

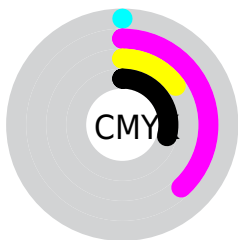
Blue (60%)



Red (71%)

Yellow (44%)

Blue (60%)

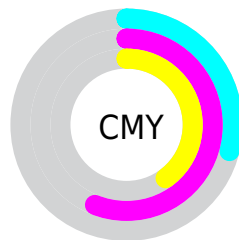


Cyan (0%)

Magenta (38%)

Yellow (15%)

Black (29%)



Cyan (29%)


Magenta (56%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0293, 24.0884, 33.5860 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 31.0293, 24.0884, 33.5860 by changing the saturation by 10% instead.

 31.0293, 24.0884,
33.5860


 31.0293, 24.0884,
33.5860


298.4978,
273.2671, 332.9947


 20.7731, 15.3992,
22.3010


 60.6617, 50.1744,
66.4159


 13.0698, 9.1000,
13.8778


 80.7687, 68.3400,
88.7978

 7.5539, 4.8065,
7.8979

 104.8899, 90.4332,
115.7157

 3.8603, 2.1342,
3.9429

 133.3907,
116.8385, 147.5882

 1.6234, 0.6837,
1.5941

166.6366,
147.9400, 184.8338

 0.4076, 0.0000,
0.2866

204.9928,

 0.0000, 0.0000,

184.1224, 227.8711

0.0000

248.8248,
225.7700, 277.1185

■ 31.0293, 24.0884,
33.5860

■ 31.0293, 24.0884,
33.5860

■ 28.6025, 20.1889,
29.8349

■ 33.9026, 28.8196,
37.6732

■ 26.5948, 17.0685,
26.4068

■ 37.2433, 34.4243,
42.1059

■ 24.9792, 14.6738,
23.2893

■ 41.0735, 40.9455,
46.8951

■ 23.7244, 12.9434,
20.4686

■ 45.4134, 48.4223,
52.0504

■ 22.7937, 11.8052,
17.9289

■ 50.2819, 56.8917,
57.5811

■ 22.1303, 11.1467,
15.6473

■ 55.6969, 66.3884,
63.4963

■ 22.0059, 11.0309,
15.1963

■ 61.6755, 76.9458,
69.8044

■ 67.0731, 86.2738,
76.1269

■ 68.0328, 86.6577,
81.1807

Harmonies

Analogous

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



28.4566, 24.0884, 46.2019



31.0293, 24.0884, 33.5860



31.2735, 24.0884, 21.8612

Triad

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



31.0293, 24.0884, 33.5860



21.3149, 24.0884, 10.0425



17.6495, 24.0884, 43.9690

Complementary

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



31.0293, 24.0884, 33.5860



28.3468, 38.8905, 31.2136

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.



16.1655, 24.0884, 31.1411



31.0293, 24.0884, 33.5860



18.1103, 24.0884, 13.0441

Square

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



31.0293, 24.0884, 33.5860



25.3379, 24.0884, 10.3458



16.3237, 24.0884, 20.0320



20.6150, 24.0884, 53.2967

Rectangle

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



31.0293, 24.0884, 33.5860



30.0499, 24.0884, 16.1636



16.3237, 24.0884, 20.0320



16.9773, 24.0884, 39.7870

Sweetspot

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



31.0300, 24.0895, 33.5865



72.0902, 70.1724, 82.1027



25.2663, 20.8166, 46.9428



15.7128, 15.1415, 17.8733



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.0300, 24.0895, 33.5865



52.7353, 37.9989, 55.5011



28.5815, 23.1101, 20.6930



9.2225, 9.0994, 10.5190



15.5738, 7.8033, 10.9083



0.5788, 0.2870, 0.5416

Inverse Universe

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



31.0300, 24.0895, 33.5865



52.7353, 37.9989, 55.5011



31.2865, 40.0664, 46.6942



9.2225, 9.0994, 10.5190



15.5738, 7.8033, 10.9083



0.5788, 0.2870, 0.5416

Previews

White Background



This preview shows how the XYZ color 31.0293, 24.0884, 33.5860 looks on a white background.

Color Contrast Check

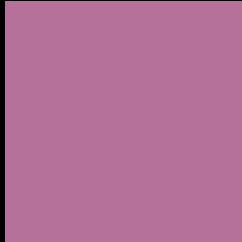
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0293, 24.0884, 33.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

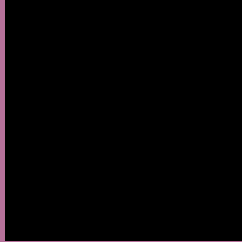
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.0293, 24.0884, 33.5860

Background



This preview shows how black text looks on a background with the XYZ color 31.0293, 24.0884, 33.5860.



This preview shows how white text looks on a background with the XYZ color 31.0293, 24.0884,

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

31.0293, 24.0884, 33.5860

Protanopia

24.3454, 24.3894, 40.4703

Deuteranopia

24.6867, 24.1297, 32.6345



Tritanopia

28.8996, 24.0729, 23.2020

Trichromacy



Original Color

31.0293, 24.0884, 33.5860

Protanomaly

26.1043, 23.7691, 37.8624

Deuteranomaly

26.5854, 23.7502, 32.8888

Tritanomaly

29.5831, 24.0002, 26.7402

Monochromacy



Original Color

31.0293, 24.0884, 33.5860

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.2107, 24.5842, 29.7493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0293, 24.0884, 33.5860 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(182, 113, 154)` looks like.

```
.text, #text, p{  
    color:rgb(182, 113, 154)  
}
```

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(182, 113, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 113, 154) }
```

Border

The CSS property to change the border of an element to XYZ 31.0293, 24.0884, 33.5860 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(182, 113, 154) }
```


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

```
.border{ border-color:rgb(182, 113, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 113, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 113, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 113, 154);  
box-shadow:4px 4px 4px 4px rgb(182, 113,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0293, 24.0884, 33.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 113, 154) }
```

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

```
.background{ background-color: rgb(182,  
113, 154) }
```

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