

Converting Colors

XYZ(23.9814, 14.8727, 22.9329)

Have a look what the booklet for
XYZ(23.9814, 14.8727, 22.9329)
contains.

XYZ(24.0084, 14.8831, 23.0801)	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(24.0084, 14.8831,
23.0801)**

Conversions

Conversions Part 1

Format	Color
Hex	B04383
RGB	176, 67, 131
RGB Percent	69%, 26%, 51%
CMY	0.3098, 0.7372, 0.4863
CMYK	0.00, 0.62, 0.26, 0.31
HSL	325°, 45%, 48%
HSV	325°, 62%, 69%
XYZ	24.0084, 14.8831, 23.0801
YIQ	106.8870, 44.4200, 43.0120

Conversions

Conversions Part 2

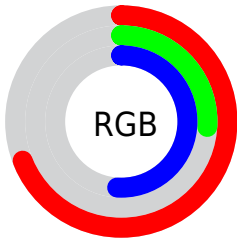
Format	Color
R_{YB}	176, 67, 131
Decimal	11551619
CIE _{Lab}	45.47, 51.09, -13.26
CIE _{LCh}	45, 52.786, 345.451
Yxy	14.8831, 0.3874, 0.2402
Android (android.graphics.Color)	4289741699 (0xFFB04383)
YUV	106.8870, 11.8877, 60.6121
Hunter-Lab	38.5786, 43.5722, -8.4659

Details

The XYZ color **24.0084, 14.8831, 23.0801** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.7655, 33.4143, 20.6860**, and the grayscale version is **13.9040, 14.6281, 15.9300**.

A 20% lighter version of the original color is **49.4208, 34.6279, 49.4265**, and **9.2687, 4.6023, 8.3825** is the 20% darker color. If you saturate the color by 10%, you get **22.6412, 12.9094, 20.2792**, and if you desaturate by 10%, it is **25.7289, 17.5080, 26.1695**.

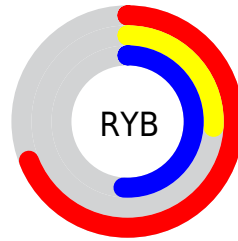
Distribution



Red (69%)

Green (26%)

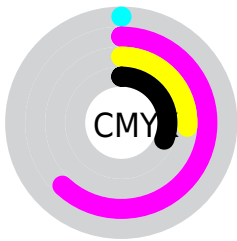
Blue (51%)



Red (69%)

Yellow (26%)

Blue (51%)

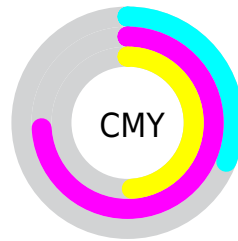


Cyan (0%)

Magenta (62%)

Yellow (26%)

Black (31%)



Cyan (31%)


Magenta (74%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0084, 14.8831, 23.0801 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 24.0084, 14.8831, 23.0801 by changing the saturation by 10% instead.

 24.0084, 14.8831,
23.0801


 24.0084, 14.8831,
23.0801


265.3026,
222.6576, 281.2714


 15.4646, 8.7374,
14.4468


 49.4985, 34.6480,
49.4497


 9.2345, 4.5703,
8.2898

 67.1755, 49.0359,
68.0230


 4.9528, 1.9974,
4.1905

 88.6276, 66.9401,
90.7469

 2.2541, 0.6060,
1.7304

 114.2203, 88.7448,
118.0396

 0.7710, 0.0000,
0.3815

 144.3187,
114.8345, 150.3199

 0.0000, 0.0000,
0.0000

179.2883,

145.5936, 188.0063

219.4945,
181.4065, 231.5173

■ 24.0084, 14.8831,
23.0801

■ 24.0084, 14.8831,
23.0801

■ 22.6412, 12.9094,
20.2792

■ 25.7289, 17.5080,
26.1695

■ 21.5955, 11.5246,
17.7523

■ 27.8283, 20.8342,
29.5589

■ 20.8356, 10.6583,
15.4840

■ 30.3310, 24.9097,
33.2598

■ 20.3697, 10.2162,
13.8190

■ 33.2590, 29.7775,
37.2827

■ 36.6328, 35.4772,
41.6376

■ 40.4712, 42.0458,
46.3338

■ 44.7923, 49.5182,
51.3802

■ 49.6128, 57.9272,
56.7854

■ 54.9489, 67.3041,
62.5574

Harmonies

Analogous

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



21.0667, 14.8831, 39.8159



24.0084, 14.8831, 23.0801



23.9594, 14.8831, 10.5727

Triad

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



24.0084, 14.8831, 23.0801



12.0110, 14.8831, 2.2781



9.0054, 14.8831, 40.3088

Complementary

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



24.0084, 14.8831, 23.0801



20.7655, 33.4143, 20.6860

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.



7.4618, 14.8831, 23.5494



24.0084, 14.8831, 23.0801



8.9359, 14.8831, 4.4631

Square

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



24.0084, 14.8831, 23.0801



16.3777, 14.8831, 2.2515



7.4393, 14.8831, 10.8521



12.1267, 14.8831, 52.7540

Rectangle

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



24.0084, 14.8831, 23.0801



22.2109, 14.8831, 5.8279



7.4393, 14.8831, 10.8521



8.3162, 14.8831, 34.6957

Sweetspot

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



24.0089, 14.8839, 23.0804



61.8300, 56.5421, 69.6102



16.3498, 10.5034, 42.2401



13.0478, 11.6627, 14.6212



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.



24.0089, 14.8839, 23.0804



40.3629, 22.4542, 35.1823



21.2838, 13.7938, 8.7306



8.6986, 8.5862, 9.9114



14.9752, 7.5076, 10.2952



0.4994, 0.2475, 0.4723

Inverse Universe

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



24.0089, 14.8839, 23.0804



40.3629, 22.4542, 35.1823



24.6413, 34.9646, 41.0956



8.6986, 8.5862, 9.9114



14.9752, 7.5076, 10.2952



0.4994, 0.2475, 0.4723

Previews

White Background



This preview shows how the XYZ color 24.0084, 14.8831, 23.0801 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

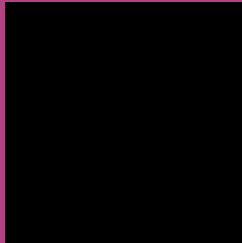
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.0084, 14.8831, 23.0801

Background



This preview shows how black text looks on a background with the XYZ color 24.0084, 14.8831, 23.0801.



This preview shows how white text looks on a background with the XYZ color 24.0084, 14.8831,

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

24.0084, 14.8831, 23.0801

Protanopia

15.9172, 15.2776, 35.3676

Deuteranopia

15.4113, 15.1682, 21.5175



Tritanopia

21.3379, 14.8595, 10.1311

Trichromacy



Original Color

24.0084, 14.8831, 23.0801

Protanomaly

17.2780, 13.9618, 30.2180

Deuteranomaly

17.6496, 14.3375, 21.9159

Tritanomaly

22.0313, 14.7214, 13.9923

Monochromacy



Original Color

24.0084, 14.8831, 23.0801

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.4953, 13.8208, 18.3213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0084, 14.8831, 23.0801 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, 67, 131)` looks like.

```
.text, #text, p{  
    color:rgb(176, 67, 131)  
}
```

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, 67, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 67, 131) }
```

Border

The CSS property to change the border of an element to XYZ 24.0084, 14.8831, 23.0801 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, 67, 131) }
```


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

```
.border{ border-color:rgb(176, 67, 131) }
```

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

Here you see how a box with a 4 pixel rgb(176, 67, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 67, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 67, 131);  
box-shadow:4px 4px 4px 4px rgb(176, 67,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0084, 14.8831, 23.0801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 67, 131) }
```

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

```
.background{ background-color: rgb(176, 67,  
131) }
```

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