

Converting Colors

XYZ(18.0839, 14.9566, 23.4087)

Have a look what the booklet for
XYZ(18.0839, 14.9566, 23.4087)
contains.

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Color

**XYZ(18.0205, 14.8914,
23.3973)**

Conversions

Conversions Part 1

Format	Color
Hex	865F83
RGB	134, 95, 131
RGB Percent	53%, 37%, 51%
CMY	0.4745, 0.6274, 0.4863
CMYK	0.00, 0.29, 0.02, 0.47
HSL	305°, 17%, 45%
HSV	305°, 29%, 53%
XYZ	18.0205, 14.8914, 23.3973
YIQ	110.7650, 11.6880, 19.4640

Conversions

Conversions Part 2

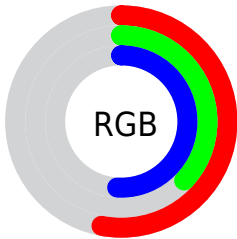
Format	Color
R_{YB}	134, 95, 131
Decimal	8806275
CIE _{Lab}	45.49, 22.22, -13.78
CIE _{LCh}	45, 26.147, 328.185
Yxy	14.8914, 0.3200, 0.2645
Android (android.graphics.Color)	4286996355 (0xFF865F83)
YUV	110.7650, 9.9759, 20.3771
Hunter-Lab	38.5894, 15.8247, -8.9358

Details

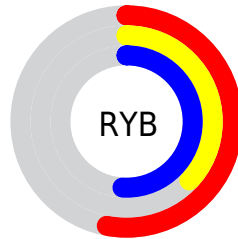
The XYZ color **18.0205, 14.8914, 23.3973** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.4496, 20.3655, 14.6728**, and the grayscale version is **15.0114, 15.7932, 17.1988**.

A 20% lighter version of the original color is **39.6697, 34.7098, 49.9562**, and **6.2361, 4.6079, 8.5434** is the 20% darker color. If you saturate the color by 10%, you get **16.8464, 12.6541, 22.6630**, and if you desaturate by 10%, it is **19.4039, 17.5455, 24.2051**.

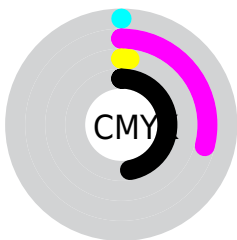
Distribution



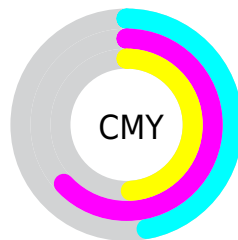
- Red (53%)
- Green (37%)
- Blue (51%)



- Red (53%)
- Yellow (37%)
- Blue (51%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (47%)



- Cyan (47%)
- Magenta (63%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0205, 14.8914, 23.3973 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 18.0205, 14.8914, 23.3973 by changing the saturation by 10% instead.

■ 18.0205, 14.8914,
23.3973

■ 18.0205, 14.8914,
23.3973

234.0299,
222.7080, 282.9469

■ 11.0645, 8.7432,
14.6791

■ 39.6021, 34.6626,
49.9763

■ 6.1778, 4.5741,
8.4504

■ 54.9583, 49.0543,
68.6742

■ 2.9952, 1.9996,
4.2926

■ 73.8454, 66.9627,
91.5357

■ 1.1512, 0.6072,
1.7872

■ 96.6286, 88.7721,
118.9794

■ 0.0673, 0.0000,
0.4195

123.6733,
114.8669, 151.4239

■ 0.0000, 0.0000,
0.0000

155.3448,

145.6316, 189.2875

192.0086,
181.4505, 232.9890

■ 18.0205, 14.8914,
23.3973

■ 18.0205, 14.8914,
23.3973

■ 16.8464, 12.6541,
22.6630

■ 19.4039, 17.5455,
24.2051

■ 15.8695, 10.8106,
21.9977

■ 21.0051, 20.6344,
25.0888

■ 15.0787, 9.3382,
21.3979

■ 22.8337, 24.1770,
26.0517

■ 14.4614, 8.2114,
20.8593

■ 24.8985, 28.1908,
27.0969

■ 14.0030, 7.4014,
20.3770

■ 27.2077, 32.6923,
28.2269

■ 13.6868, 6.8749,
19.9455

■ 29.7691, 37.6972,
29.4446

■ 13.4692, 6.5443,
19.5503

■ 32.5904, 43.2205,
30.7523

■ 13.4503, 6.5159,
19.5152

■ 35.6785, 49.2766,
32.1525

■ 39.0405, 55.8792,
33.6475

Harmonies

Analogous

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



16.2262, 14.8914, 29.2552



18.0205, 14.8914, 23.3973



18.7675, 14.8914, 16.5972

Triad

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



18.0205, 14.8914, 23.3973



14.2869, 14.8914, 6.9358



10.7731, 14.8914, 22.5668

Complementary

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



18.0205, 14.8914, 23.3973



15.4496, 20.3655, 14.6728

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.



10.3660, 14.8914, 15.8372



18.0205, 14.8914, 23.3973



12.2659, 14.8914, 7.7715

Square

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



18.0205, 14.8914, 23.3973



16.4792, 14.8914, 8.0066



10.8841, 14.8914, 10.6760



12.0582, 14.8914, 28.6956

Rectangle

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



18.0205, 14.8914, 23.3973



18.5186, 14.8914, 12.7507



10.8841, 14.8914, 10.6760



10.5352, 14.8914, 20.2542

Sweetspot

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



18.0210, 14.8921, 23.3976



36.9795, 36.2996, 44.1876



13.3898, 12.4808, 24.2581



8.2462, 8.0138, 9.9091



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.0210, 14.8921, 23.3976



30.3311, 23.5300, 40.3466



16.8434, 14.4210, 17.1965



4.8428, 4.7568, 5.7847



12.6064, 6.1069, 18.2975



0.0448, 0.0216, 0.0694

Inverse Universe

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



18.0210, 14.8921, 23.3976



30.3311, 23.5300, 40.3466



16.4618, 20.7704, 20.0025



4.8428, 4.7568, 5.7847



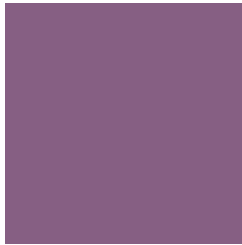
12.6064, 6.1069, 18.2975



0.0448, 0.0216, 0.0694

Previews

White Background



This preview shows how the XYZ color 18.0205, 14.8914, 23.3973 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



This preview shows how the XYZ color 18.0205, 14.8914, 23.3973 looks on a 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 18.0205, 14.8914, 23.3973

Background



This preview shows how black text looks on a background with the XYZ color 18.0205, 14.8914, 23.3973.



This preview shows how white text looks on a background with the XYZ color 18.0205, 14.8914,

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

18.0205, 14.8914, 23.3973

Protanopia

15.0635, 15.0321, 26.5337

Deuteranopia

15.1984, 14.8763, 22.8392



Tritanopia

16.5711, 15.0012, 15.9320

Trichromacy



Original Color

18.0205, 14.8914, 23.3973

Protanomaly

15.9763, 14.9228, 25.3309

Deuteranomaly

16.0191, 14.7010, 23.1124

Tritanomaly

17.0358, 14.9019, 18.5015

Monochromacy



Original Color

18.0205, 14.8914, 23.3973

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.9293, 15.3331, 19.2596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0205, 14.8914, 23.3973 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(134, 95, 131)` looks like.

```
.text, #text, p{  
    color:rgb(134, 95, 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(134, 95, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 95, 131) }
```

Border

The CSS property to change the border of an element to XYZ 18.0205, 14.8914, 23.3973 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(134, 95, 131) }
```


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

```
.border{ border-color:rgb(134, 95, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 95, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 95, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 95, 131);  
box-shadow:4px 4px 4px 4px rgb(134, 95,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0205, 14.8914, 23.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 95, 131) }
```

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

```
.background{ background-color: rgb(134, 95,  
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](#).

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