

Converting Colors

XYZ(18.3274, 16.6208, 10.2248)

Have a look what the booklet for
XYZ(18.3274, 16.6208, 10.2248)
contains.

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Color

**XYZ(18.3274, 16.6208,
10.2248)**

Conversions

Conversions Part 1

Format	Color
Hex	926852
RGB	146, 104, 82
RGB Percent	57%, 41%, 32%
CMY	0.4274, 0.5921, 0.6784
CMYK	0.00, 0.29, 0.44, 0.43
HSL	21°, 28%, 45%
HSV	21°, 44%, 57%
XYZ	18.3274, 16.6208, 10.2248
YIQ	114.0500, 32.0940, 2.0620

Conversions

Conversions Part 2

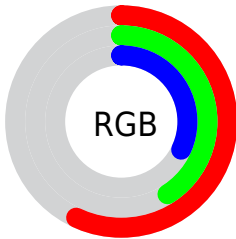
Format	Color
R_{YB}	146, 116, 82
Decimal	9594962
CIE _{Lab}	47.78, 13.95, 19.06
CIE _{LCh}	48, 23.619, 53.786
Yxy	16.6208, 0.4057, 0.3679
Android (android.graphics.Color)	4287785042 (0xFF926852)
YUV	114.0500, -15.8006, 28.0202
Hunter-Lab	40.7686, 8.8990, 13.6681

Details

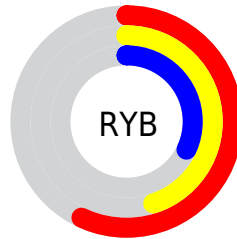
The XYZ color **18.3274, 16.6208, 10.2248** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.8754, 18.2839, 29.8866**, and the grayscale version is **16.0487, 16.8845, 18.3872**.

A 20% lighter version of the original color is **39.9736, 37.5261, 26.9662**, and **6.3113, 5.3870, 2.4574** is the 20% darker color. If you saturate the color by 10%, you get **16.9197, 14.6020, 7.3002**, and if you desaturate by 10%, it is **19.9637, 18.9077, 13.8093**.

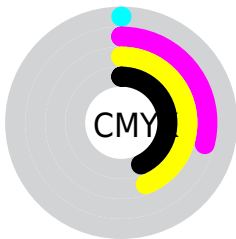
Distribution



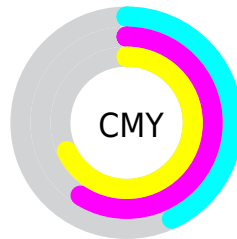
- Red (57%)
- Green (41%)
- Blue (32%)



- Red (57%)
- Yellow (45%)
- Blue (32%)



- Cyan (0%)
- Magenta (29%)
- Yellow (44%)
- Black (43%)



- Cyan (43%)
- Magenta (59%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3274, 16.6208, 10.2248 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 18.3274, 16.6208, 10.2248 by changing the saturation by 10% instead.

■ 18.3274, 16.6208,
10.2248

■ 18.3274, 16.6208,
10.2248

235.7201,
232.9776, 202.8118

■ 11.2864, 9.9645,
5.4407

■ 40.1201, 37.6726,
26.8319

■ 6.3285, 5.3754,
2.4449

■ 55.6026, 52.8370,
39.4919

■ 3.0884, 2.4692,
0.8107

■ 74.6296, 71.6061,
55.6144

■ 1.2007, 0.8611,
0.0000

■ 97.5665, 94.3644,
75.6178

■ 0.1069, 0.0000,
0.0000

■ 124.7786,
121.4963, 99.9208

■ 0.0000, 0.0000,
0.0000

156.6314,

153.3862, 128.9417

193.4901,
190.4185, 163.0992

■ 18.3274, 16.6208,
10.2248

■ 18.3274, 16.6208,
10.2248

■ 16.9197, 14.6020,
7.3002

■ 19.9637, 18.9077,
13.8093

■ 15.7283, 12.8385,
4.9933

■ 21.8379, 21.4700,
18.0901

■ 14.7411, 11.3200,
3.2588

■ 23.9599, 24.3177,
23.1023

■ 13.9445, 10.0346,
2.0445

■ 26.3389, 27.4595,
28.8782

■ 13.3225, 8.9689,
1.2875

■ 28.9837, 30.9038,
35.4482

■ 13.0030, 8.4089,
0.9377

■ 31.9023, 34.6586,
42.8410

■ 35.1026, 38.7316,
51.0838

■ 38.5923, 43.1302,
60.2027

■ 42.3784, 47.8616,
70.2227

Harmonies

Analogous

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



19.8242, 16.6208, 13.7895



18.3274, 16.6208, 10.2248



16.2424, 16.6208, 8.8035

Triad

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



18.3274, 16.6208, 10.2248



12.0855, 16.6208, 16.8642



17.4974, 16.6208, 31.0030

Complementary

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



18.3274, 16.6208, 10.2248



15.8754, 18.2839, 29.8866

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.



15.3609, 16.6208, 32.3420



18.3274, 16.6208, 10.2248



12.3568, 16.6208, 23.2199

Square

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



18.3274, 16.6208, 10.2248



12.7348, 16.6208, 12.0449



13.5120, 16.6208, 29.2307



19.3158, 16.6208, 25.8981

Rectangle

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



18.3274, 16.6208, 10.2248



14.8470, 16.6208, 8.9699



13.5120, 16.6208, 29.2307



16.7879, 16.6208, 31.9497

Sweetspot

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



18.3278, 16.6216, 10.2251



42.4955, 43.2019, 41.3011



18.5519, 13.6179, 20.9415



9.2775, 9.3762, 8.7665



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.3278, 16.6216, 10.2251



29.7940, 25.6805, 12.7694



22.0877, 24.1414, 11.4784



5.9541, 6.1220, 6.1083



11.4619, 7.4381, 0.8316



0.1657, 0.1419, 0.0187

Inverse Universe

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



15.8754, 18.2839, 29.8866



24.8507, 28.9854, 52.2585



12.5533, 11.6397, 28.7793



5.7979, 6.2299, 7.3666



8.2523, 9.1993, 25.2717



0.1285, 0.1677, 0.3185

Previews

White Background



This preview shows how the XYZ color 18.3274, 16.6208, 10.2248 looks on a white background.

Color Contrast Check

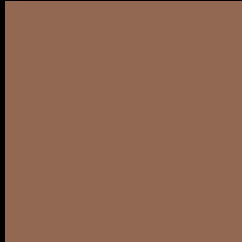
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3274, 16.6208, 10.2248 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 18.3274, 16.6208, 10.2248

Background



This preview shows how black text looks on a background with the XYZ color 18.3274, 16.6208, 10.2248.



This preview shows how white text looks on a background with the XYZ color 18.3274, 16.6208,

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

18.3274, 16.6208, 10.2248

Protanopia

15.7231, 16.8441, 11.2266

Deuteranopia

16.9455, 16.6823, 10.1115



Tritanopia

19.4767, 16.4930, 16.3443

Trichromacy



Original Color

18.3274, 16.6208, 10.2248

Protanomaly

16.5757, 16.6330, 10.9312

Deuteranomaly

17.3904, 16.5984, 10.0718

Tritanomaly

18.9384, 16.4113, 13.9739

Monochromacy



Original Color

18.3274, 16.6208, 10.2248

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.5784, 16.5468, 14.8904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3274, 16.6208, 10.2248 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(146, 104, 82)` looks like.

```
.text, #text, p{  
    color:rgb(146, 104, 82)  
}
```

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(146, 104, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 104, 82) }
```

Border

The CSS property to change the border of an element to XYZ 18.3274, 16.6208, 10.2248 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(146, 104, 82) }
```


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

```
.border{ border-color:rgb(146, 104, 82) }
```

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

Here you see how a box with a 4 pixel rgb(146, 104, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 104, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 104, 82);  
box-shadow:4px 4px 4px 4px rgb(146, 104,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3274, 16.6208, 10.2248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 104, 82) }
```

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

```
.background{ background-color: rgb(146,  
104, 82) }
```

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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