

Converting Colors

XYZ(18.6256, 14.2706, 14.0847)

Have a look what the booklet for
XYZ(18.6256, 14.2706, 14.0847)
contains.

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Color

**XYZ(18.6256, 14.2706,
14.0847)**

Conversions

Conversions Part 1

Format	Color
Hex	985665
RGB	152, 86, 101
RGB Percent	60%, 34%, 40%
CMY	0.4039, 0.6627, 0.6039
CMYK	0.00, 0.43, 0.34, 0.40
HSL	346°, 28%, 47%
HSV	346°, 43%, 60%
XYZ	18.6256, 14.2706, 14.0847
YIQ	107.4440, 34.5210, 18.6570

Conversions

Conversions Part 2

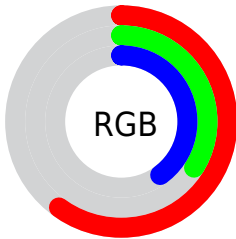
Format	Color
R_{YB}	152, 86, 101
Decimal	9983589
CIE Lab	44.62, 29.13, 3.37
CIE LCh	45, 29.328, 6.591
Yxy	14.2706, 0.3965, 0.3038
Android (android.graphics.Color)	4288173669 (0xFF985665)
YUV	107.4440, -3.1769, 39.0756
Hunter-Lab	37.7764, 21.9003, 4.3376

Details

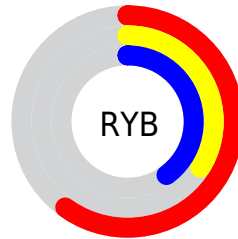
The XYZ color **18.6256, 14.2706, 14.0847** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.5820, 26.2413, 27.7014**, and the grayscale version is **14.1007, 14.8351, 16.1554**.

A 20% lighter version of the original color is **40.6256, 33.5682, 34.0439**, and **6.5046, 4.3052, 3.9782** is the 20% darker color. If you saturate the color by 10%, you get **17.0035, 11.8826, 10.9047**, and if you desaturate by 10%, it is **20.5888, 17.2091, 17.7846**.

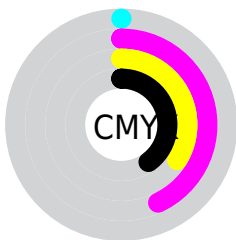
Distribution



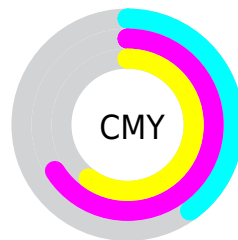
- Red (60%)
- Green (34%)
- Blue (40%)



- Red (60%)
- Yellow (34%)
- Blue (40%)



- Cyan (0%)
- Magenta (43%)
- Yellow (34%)
- Black (40%)



- Cyan (40%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6256, 14.2706, 14.0847 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 18.6256, 14.2706, 14.0847 by changing the saturation by 10% instead.

■ 18.6256, 14.2706,
14.0847

■ 18.6256, 14.2706,
14.0847

237.3520,
218.9078, 229.2038

■ 11.5025, 8.3091,
8.0402

■ 40.6223, 33.5684,
33.9585

■ 6.4756, 4.2934,
4.0325

■ 56.2265, 47.6735,
48.6249

■ 3.1798, 1.8390,
1.6432

■ 75.3885, 65.2619,
67.0023

■ 1.2495, 0.5113,
0.3214

■ 98.4736, 86.7181,
89.5093

■ 0.1450, 0.0000,
0.0000

■ 125.8471,
112.4264, 116.5644

■ 0.0000, 0.0000,
0.0000

157.8744,

142.7711, 148.5862

194.9210,
178.1368, 185.9931

■ 18.6256, 14.2706,
14.0847

■ 18.6256, 14.2706,
14.0847

■ 17.0035, 11.8826,
10.9047

■ 20.5888, 17.2091,
17.7846

■ 15.7015, 10.0086,
8.2199

■ 22.9103, 20.7274,
22.0259

■ 14.6977, 8.6109,
6.0050

■ 25.6075, 24.8553,
26.8296

■ 13.9671, 7.6459,
4.2316

■ 28.6963, 29.6197,
32.2155

■ 13.4802, 7.0617,
2.8684

■ 32.1916, 35.0463,
38.2025

■ 13.2454, 6.7940,
2.1677

■ 36.1077, 41.1590,
44.8085

■ 40.4580, 47.9808,
52.0507

■ 45.2553, 55.5333,
59.9456

■ 50.5121, 63.8374,
68.5091

Harmonies

Analogous

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



18.2017, 14.2706, 21.3359



18.6256, 14.2706, 14.0847



17.5713, 14.2706, 8.9725

Triad

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



18.6256, 14.2706, 14.0847



11.0193, 14.2706, 7.2243



11.8289, 14.2706, 30.8985

Complementary

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



18.6256, 14.2706, 14.0847



19.5820, 26.2413, 27.7014

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.



10.2172, 14.2706, 24.7125



18.6256, 14.2706, 14.0847



9.7893, 14.2706, 10.8993

Square

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



18.6256, 14.2706, 14.0847



13.0463, 14.2706, 5.8298



9.5137, 14.2706, 17.0885



14.0948, 14.2706, 32.4909

Rectangle

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



18.6256, 14.2706, 14.0847



16.2372, 14.2706, 6.9772



9.5137, 14.2706, 17.0885



11.2012, 14.2706, 29.2147

Sweetspot

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



18.6260, 14.2713, 14.0850



45.2843, 44.0017, 47.5055



19.2469, 14.2080, 31.4336



10.0561, 9.6379, 10.3800



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.6260, 14.2713, 14.0850



30.1182, 21.1273, 19.4587



19.5392, 17.1683, 11.0891



6.2634, 6.2445, 6.7674



11.1163, 5.7008, 1.8716



0.1782, 0.0900, 0.0912

Inverse Universe

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



18.6260, 14.2713, 14.0850



30.1182, 21.1273, 19.4587



18.0863, 21.4069, 32.8843



6.2634, 6.2445, 6.7674



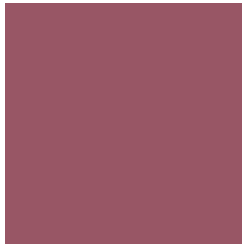
11.1163, 5.7008, 1.8716



0.1782, 0.0900, 0.0912

Previews

White Background



This preview shows how the XYZ color 18.6256, 14.2706, 14.0847 looks on a white background.

Color Contrast Check

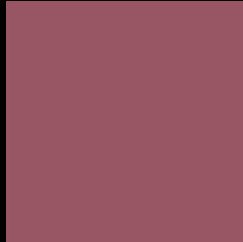
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.6256, 14.2706, 14.0847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

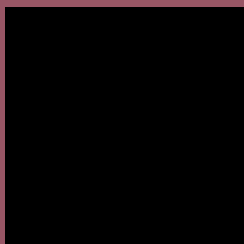
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.6256, 14.2706, 14.0847

Background



This preview shows how black text looks on a background with the XYZ color 18.6256, 14.2706, 14.0847.



This preview shows how white text looks on a background with the XYZ color 18.6256, 14.2706,

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

18.6256, 14.2706, 14.0847

Protanopia

13.9201, 14.3372, 17.3629

Deuteranopia

14.5637, 14.3065, 13.5491



Tritanopia

18.1911, 14.2039, 12.3725

Trichromacy



Original Color

18.6256, 14.2706, 14.0847

Protanomaly

15.2428, 14.0290, 16.0918

Deuteranomaly

15.7951, 14.0919, 13.6919

Tritanomaly

18.3284, 14.2588, 13.0955

Monochromacy



Original Color

18.6256, 14.2706, 14.0847

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.1800, 14.1546, 15.2966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6256, 14.2706, 14.0847 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(152, 86, 101)` looks like.

```
.text, #text, p{  
    color:rgb(152, 86, 101)  
}
```

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(152, 86, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 86, 101) }
```

Border

The CSS property to change the border of an element to XYZ 18.6256, 14.2706, 14.0847 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(152, 86, 101) }
```


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

```
.border{ border-color:rgb(152, 86, 101) }
```

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

Here you see how a box with a 4 pixel rgb(152, 86, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 86, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 86, 101);  
box-shadow:4px 4px 4px 4px rgb(152, 86,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6256, 14.2706, 14.0847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 86, 101) }
```

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

```
.background{ background-color: rgb(152, 86,  
101) }
```

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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