

Converting Colors

XYZ(18.5477, 13.9644, 13.9269)

Have a look what the booklet for
XYZ(18.5477, 13.9644, 13.9269)
contains.

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Color

**XYZ(18.6562, 14.0525,
14.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	995465
RGB	153, 84, 101
RGB Percent	60%, 33%, 40%
CMY	0.4000, 0.6706, 0.6039
CMYK	0.00, 0.45, 0.34, 0.40
HSL	345°, 29%, 46%
HSV	345°, 45%, 60%
XYZ	18.6562, 14.0525, 14.0410
YIQ	106.5690, 35.6670, 19.9150

Conversions

Conversions Part 2

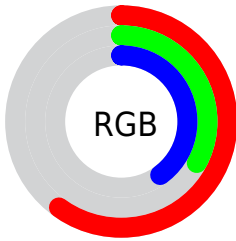
Format	Color
RYB	153, 84, 101
Decimal	10048613
CIELab	44.31, 30.63, 2.94
CIElCh	44, 30.771, 5.475
Yxy	14.0525, 0.3991, 0.3006
Android (android.graphics.Color)	4288238693 (0xFF995465)
YUV	106.5690, -2.7455, 40.7200
Hunter-Lab	37.4867, 23.2334, 4.0330

Details

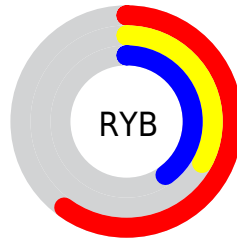
The XYZ color **18.6562, 14.0525, 14.0410** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.4920, 26.4453, 27.3711**, and the grayscale version is **13.8568, 14.5784, 15.8759**.

A 20% lighter version of the original color is **40.6260, 33.1503, 33.9632**, and **6.4423, 4.1807, 3.9574** is the 20% darker color. If you saturate the color by 10%, you get **17.0699, 11.7214, 10.9177**, and if you desaturate by 10%, it is **20.5820, 16.9355, 17.6689**.

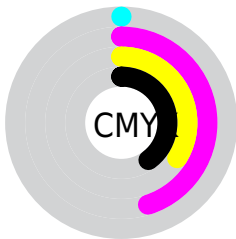
Distribution



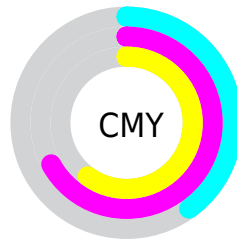
- Red (60%)
- Green (33%)
- Blue (40%)



- Red (60%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (34%)
- Black (40%)



- Cyan (40%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6562, 14.0525, 14.0410 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 18.6562, 14.0525, 14.0410 by changing the saturation by 10% instead.

18.6562, 14.0525,
14.0410

18.6562, 14.0525,
14.0410

237.5189,
217.5572, 228.9230

11.5247, 8.1572,
8.0101

40.6737, 33.1822,
33.8799

6.4908, 4.1957,
4.0136

56.2904, 47.1853,
48.5251

3.1892, 1.7836,
1.6328

75.4662, 64.6598,
66.8787

1.2546, 0.4769,
0.3141

98.5664, 85.9901,
89.3593

0.1488, 0.0000,
0.0000

125.9564,
111.5606, 116.3855

0.0000, 0.0000,
0.0000

158.0016,

141.7557, 148.3759

195.0673,
176.9598, 185.7489

■ 18.6562, 14.0525,
14.0410

■ 18.6562, 14.0525,
14.0410

■ 17.0699, 11.7214,
10.9177

■ 20.5820, 16.9355,
17.6689

■ 15.8015, 9.9047,
8.2751

■ 22.8647, 20.4005,
21.8221

■ 14.8288, 8.5634,
6.0888


■ 25.5219, 24.4781,
26.5210


■ 14.1261, 7.6520,
4.3314


■ 28.5698, 29.1961,
31.7847


■ 13.6608, 7.1122,
2.9716


■ 32.0235, 34.5804,
37.6313

 13.4818, 6.9103,
2.4309

 35.8973, 40.6556,
44.0782

 40.2049, 47.4452,
51.1420

 44.9592, 54.9713,
58.8386

 50.1727, 63.2551,
67.1835

Harmonies

Analogous

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



18.1531, 14.0525, 21.6604



18.6562, 14.0525, 14.0410



17.6035, 14.0525, 8.6938

Triad

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



18.6562, 14.0525, 14.0410



10.7886, 14.0525, 6.6902



11.4828, 14.0525, 31.2852

Complementary

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



18.6562, 14.0525, 14.0410



19.4920, 26.4453, 27.3711

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.



9.8542, 14.0525, 24.6157



18.6562, 14.0525, 14.0410



9.4893, 14.0525, 10.3264

Square

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



18.6562, 14.0525, 14.0410



12.9090, 14.0525, 5.3709



9.1695, 14.0525, 16.6338



13.8141, 14.0525, 33.1974

Rectangle

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



18.6562, 14.0525, 14.0410



16.2291, 14.0525, 6.6161



9.1695, 14.0525, 16.6338



10.8445, 14.0525, 29.4428

Sweetspot

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



18.6566, 14.0532, 14.0413



46.1270, 44.4855, 48.2294



19.0334, 13.8546, 31.8083



9.9617, 9.4783, 10.2589



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.



18.6566, 14.0532, 14.0413



30.5773, 21.0022, 19.5669



19.4156, 16.7691, 10.6017



6.2681, 6.2464, 6.7920



11.1541, 5.7159, 2.0706



0.1795, 0.0906, 0.0982

Inverse Universe

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



18.6566, 14.0532, 14.0413



30.5773, 21.0022, 19.5669



18.1755, 21.7233, 33.3723



6.2681, 6.2464, 6.7920



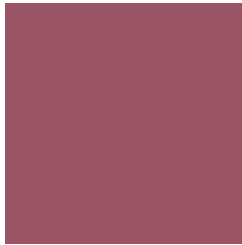
11.1541, 5.7159, 2.0706



0.1795, 0.0906, 0.0982

Previews

White Background



This preview shows how the XYZ color 18.6562, 14.0525, 14.0410 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 18.6562, 14.0525, 14.0410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

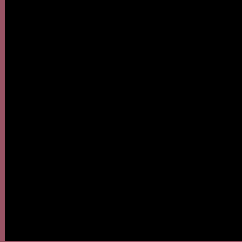
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.6562, 14.0525, 14.0410

Background



This preview shows how black text looks on a background with the XYZ color 18.6562, 14.0525, 14.0410.



This preview shows how white text looks on a background with the XYZ color 18.6562, 14.0525,

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

18.6562, 14.0525, 14.0410

Protanopia

13.8579, 14.2987, 17.6523

Deuteranopia

14.4272, 14.2361, 13.5427



Tritanopia

18.2085, 14.1037, 11.8878

Trichromacy



Original Color

18.6562, 14.0525, 14.0410

Protanomaly

15.0611, 13.7911, 16.3361

Deuteranomaly

15.7044, 13.9106, 13.6617

Tritanomaly

18.2630, 13.9986, 12.5659

Monochromacy



Original Color

18.6562, 14.0525, 14.0410

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.3238, 14.2287, 15.3034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6562, 14.0525, 14.0410 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(153, 84, 101)` looks like.

```
.text, #text, p{  
    color:rgb(153, 84, 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(153, 84, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 84, 101) }
```

Border

The CSS property to change the border of an element to XYZ 18.6562, 14.0525, 14.0410 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(153, 84, 101) }
```


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

```
.border{ border-color:rgb(153, 84, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 84, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 84, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 84, 101);  
box-shadow:4px 4px 4px 4px rgb(153, 84,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6562, 14.0525, 14.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 84, 101) }
```

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

```
.background{ background-color: rgb(153, 84,  
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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