

Converting Colors

XYZ(18.7032, 15.4396, 14.5648)

Have a look what the booklet for
XYZ(18.7032, 15.4396, 14.5648)
contains.

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Color

**XYZ(18.7032, 15.4396,
14.5648)**

Conversions

Conversions Part 1

Format	Color
Hex	945F66
RGB	148, 95, 102
RGB Percent	58%, 37%, 40%
CMY	0.4196, 0.6274, 0.6000
CMYK	0.00, 0.36, 0.31, 0.42
HSL	352°, 22%, 48%
HSV	352°, 36%, 58%
XYZ	18.7032, 15.4396, 14.5648
YIQ	111.6450, 29.3410, 13.4130

Conversions

Conversions Part 2

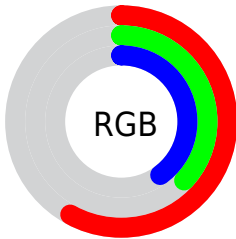
Format	Color
R_{YB}	148, 95, 102
Decimal	9723750
CIE _{Lab}	46.23, 22.59, 5.01
CIE _{LCh}	46, 23.137, 12.503
Yxy	15.4396, 0.3840, 0.3170
Android (android.graphics.Color)	4287913830 (0xFF945F66)
YUV	111.6450, -4.7550, 31.8833
Hunter-Lab	39.2933, 16.2010, 5.5283

Details

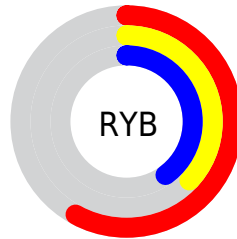
The XYZ color **18.7032, 15.4396, 14.5648** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.1176, 25.5361, 29.0691**, and the grayscale version is **15.3050, 16.1020, 17.5351**.

A 20% lighter version of the original color is **40.6573, 35.5542, 34.8568**, and **6.5704, 4.8765, 4.2094** is the 20% darker color. If you saturate the color by 10%, you get **16.9060, 12.7870, 11.0624**, and if you desaturate by 10%, it is **20.8532, 18.6398, 18.6722**.

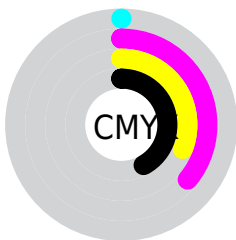
Distribution



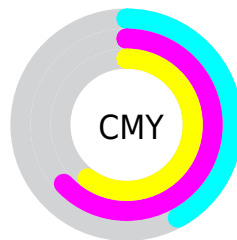
- Red (58%)
- Green (37%)
- Blue (40%)



- Red (58%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (36%)
- Yellow (31%)
- Black (42%)



- Cyan (42%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7032, 15.4396, 14.5648 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 18.7032, 15.4396, 14.5648 by changing the saturation by 10% instead.

■ 18.7032, 15.4396,
14.5648

■ 18.7032, 15.4396,
14.5648

237.7750,
226.0118, 232.2661

■ 11.5587, 9.1285,
8.3713

■ 40.7527, 35.6225,
34.8193

■ 6.5140, 4.8251,
4.2423

■ 56.3885, 50.2632,
49.7174

■ 3.2037, 2.1450,
1.7592

■ 75.5855, 68.4491,
68.3542

■ 1.2624, 0.6898,
0.4008

■ 98.7089, 90.5647,
91.1480

■ 0.1548, 0.0000,
0.0000

126.1243,
116.9943, 118.5176

■ 0.0000, 0.0000,
0.0000

158.1968,

148.1225, 150.8815

195.2919,
184.3335, 188.6581

■ 18.7032, 15.4396,
14.5648

■ 18.7032, 15.4396,
14.5648

■ 16.9060, 12.7870,
11.0624

■ 20.8532, 18.6398,
18.6722

■ 15.4416, 10.6491,
8.1356

■ 23.3724, 22.4135,
23.4106

■ 14.2895, 8.9932,
5.7535

■ 26.2774, 26.7877,
28.8053


■ 13.4268, 7.7815,
3.8822


■ 29.5836, 31.7871,
34.8802


■ 12.8271, 6.9708,
2.4839

■ 33.3056, 37.4349,
41.6577


 12.4547, 6.5004,
1.5137

 37.4570, 43.7532,
49.1595

 12.3350, 6.3448,
1.2151

 42.0510, 50.7630,
57.4062

 47.1002, 58.4844,
66.4175

 52.6168, 66.9367,
76.2124

Harmonies

Analogous

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



18.6027, 15.4396, 20.2974



18.7032, 15.4396, 14.5648



17.6563, 15.4396, 10.4818

Triad

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



18.7032, 15.4396, 14.5648



12.2558, 15.4396, 10.0004



13.5625, 15.4396, 29.4629

Complementary

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



18.7032, 15.4396, 14.5648



20.1176, 25.5361, 29.0691

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.



12.0495, 15.4396, 25.2815



18.7032, 15.4396, 14.5648



11.3429, 15.4396, 13.7488

Square

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



18.7032, 15.4396, 14.5648



13.8680, 15.4396, 8.2719



11.2710, 15.4396, 19.2772



15.5125, 15.4396, 29.8209

Rectangle

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



18.7032, 15.4396, 14.5648



16.4989, 15.4396, 8.8917



11.2710, 15.4396, 19.2772



12.9905, 15.4396, 28.4211

Sweetspot

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



18.7036, 15.4403, 14.5651



43.5052, 42.9547, 45.5282



20.4111, 15.9802, 30.0257



9.7914, 9.5950, 10.1329



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.7036, 15.4403, 14.5651



30.4011, 23.4017, 20.6427



20.3451, 19.2554, 13.4718



5.8301, 5.8271, 6.2116



10.5423, 5.4220, 1.0709



0.1351, 0.0688, 0.0448

Inverse Universe

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



18.7036, 15.4403, 14.5651



30.4011, 23.4017, 20.6427



17.8585, 20.1582, 30.9666



5.8301, 5.8271, 6.2116



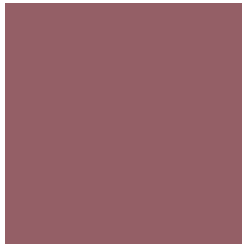
10.5423, 5.4220, 1.0709



0.1351, 0.0688, 0.0448

Previews

White Background



This preview shows how the XYZ color 18.7032, 15.4396, 14.5648 looks on a white background.

Color Contrast Check

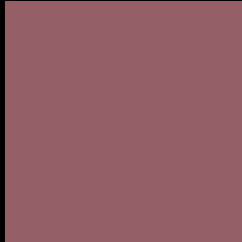
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7032, 15.4396, 14.5648 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 18.7032, 15.4396, 14.5648

Background



This preview shows how black text looks on a background with the XYZ color 18.7032, 15.4396, 14.5648.



This preview shows how white text looks on a background with the XYZ color 18.7032, 15.4396,

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

18.7032, 15.4396, 14.5648

Protanopia

14.9652, 15.5078, 16.9564

Deuteranopia

15.7665, 15.5133, 14.2200



Tritanopia

18.7032, 15.4396, 14.5648

Trichromacy



Original Color

18.7032, 15.4396, 14.5648

Protanomaly

16.0616, 15.3221, 16.0208

Deuteranomaly

16.7732, 15.4289, 14.4059

Tritanomaly

18.7032, 15.4396, 14.5648

Monochromacy



Original Color

18.7032, 15.4396, 14.5648

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.3183, 15.7508, 16.3675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7032, 15.4396, 14.5648 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(148, 95, 102)` looks like.

```
.text, #text, p{  
    color:rgb(148, 95, 102)  
}
```

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(148, 95, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 95, 102) }
```

Border

The CSS property to change the border of an element to XYZ 18.7032, 15.4396, 14.5648 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(148, 95, 102) }
```


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

```
.border{ border-color:rgb(148, 95, 102) }
```

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

Here you see how a box with a 4 pixel rgb(148, 95, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 95, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 95, 102);  
box-shadow:4px 4px 4px 4px rgb(148, 95,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7032, 15.4396, 14.5648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 95, 102) }
```

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

```
.background{ background-color: rgb(148, 95,  
102) }
```

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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