

Converting Colors

XYZ(18.1374, 15.1040, 12.6328)

Have a look what the booklet for
XYZ(18.1374, 15.1040, 12.6328)
contains.

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Color

**XYZ(18.0557, 15.0166,
12.5365)**

Conversions

Conversions Part 1

Format	Color
Hex	935E5E
RGB	147, 94, 94
RGB Percent	58%, 37%, 37%
CMY	0.4235, 0.6314, 0.6314
CMYK	0.00, 0.36, 0.36, 0.42
HSL	0°, 22%, 47%
HSV	0°, 36%, 58%
XYZ	18.0557, 15.0166, 12.5365
YIQ	109.8470, 31.5880, 11.2360

Conversions

Conversions Part 2

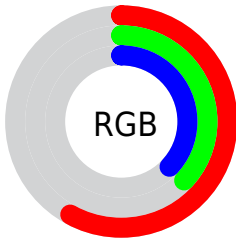
Format	Color
R_{YB}	147, 94, 94
Decimal	9657950
CIE _{Lab}	45.66, 21.67, 9.01
CIE _{LCh}	46, 23.463, 22.576
Yxy	15.0166, 0.3959, 0.3292
Android (android.graphics.Color)	4287848030 (0xFF935E5E)
YUV	109.8470, -7.8126, 32.5832
Hunter-Lab	38.7513, 15.3553, 7.9448

Details

The XYZ color **18.0557, 15.0166, 12.5365** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.3158, 25.3527, 31.4266**, and the grayscale version is **14.7928, 15.5632, 16.9484**.

A 20% lighter version of the original color is **39.5166, 34.8210, 31.0239**, and **6.1661, 4.6261, 3.3642** is the 20% darker color. If you saturate the color by 10%, you get **16.2729, 12.4080, 8.9919**, and if you desaturate by 10%, it is **20.2139, 18.1748, 16.8263**.

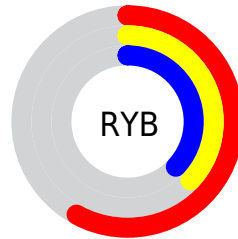
Distribution



Red (58%)

Green (37%)

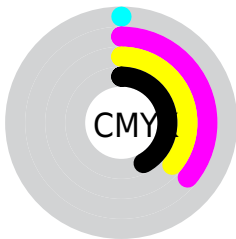
Blue (37%)



Red (58%)

Yellow (37%)

Blue (37%)

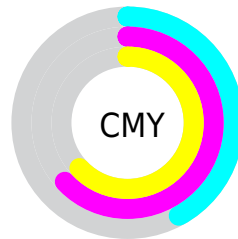


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (42%)



Cyan (42%)

Magenta (63%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0557, 15.0166, 12.5365 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 18.0557, 15.0166, 12.5365 by changing the saturation by 10% instead.

■ 18.0557, 15.0166,
12.5365

■ 18.0557, 15.0166,
12.5365

234.2243,
223.4667, 219.0279

■ 11.0899, 8.8310,
6.9832

■ 39.6616, 34.8823,
31.1474

■ 6.1951, 4.6311,
3.3733

■ 55.0323, 49.3312,
45.0421

■ 3.0058, 2.0325,
1.2883

■ 73.9355, 67.3034,
62.5544

■ 1.1569, 0.6263,
0.0521

■ 96.7364, 89.1832,
84.1027

■ 0.0719, 0.0000,
0.0000

123.8003,
115.3550, 110.1057

■ 0.0000, 0.0000,
0.0000

155.4928,

146.2033, 140.9819

192.1790,
182.1124, 177.1498

■ 18.0557, 15.0166,
12.5365

■ 18.0557, 15.0166,
12.5365

■ 16.2729, 12.4080,
8.9919

■ 20.2139, 18.1748,
16.8263

■ 14.8430, 10.3156,
6.1494

■ 22.7659, 21.9091,
21.8996

■ 13.7428, 8.7057,
3.9624

■ 25.7304, 26.2470,
27.7930

■ 12.9462, 7.5399,
2.3788

■ 29.1245, 31.2135,
34.5405

■ 12.4226, 6.7738,
1.3382

■ 32.9644, 36.8324,
42.1743

■ 12.1275, 6.3419,
0.7515

■ 37.2655, 43.1260,
50.7248

■ 12.0327, 6.2033,
0.5632

■ 42.0423, 50.1157,
60.2211

■ 47.3087, 57.8219,
70.6909

■ 53.0782, 66.2642,
82.1608

Harmonies

Analogous

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



18.3591, 15.0166, 17.7898



18.0557, 15.0166, 12.5365



16.6956, 15.0166, 9.1717

Triad

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



18.0557, 15.0166, 12.5365



11.4763, 15.0166, 10.6142



13.7899, 15.0166, 29.6071

Complementary

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



18.0557, 15.0166, 12.5365



20.3158, 25.3527, 31.4266

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.



12.0966, 15.0166, 26.5434



18.0557, 15.0166, 12.5365



10.8429, 15.0166, 14.9911

Square

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



18.0557, 15.0166, 12.5365



12.8702, 15.0166, 8.2527



11.0591, 15.0166, 20.8689



15.7738, 15.0166, 28.5231

Rectangle

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



18.0557, 15.0166, 12.5365



15.4350, 15.0166, 8.0435



11.0591, 15.0166, 20.8689



13.1705, 15.0166, 29.0080

Sweetspot

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



18.0561, 15.0173, 12.5368



43.2395, 42.8488, 44.1274



21.3019, 16.3152, 29.6302



9.7252, 9.5687, 9.7842



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.



18.0561, 15.0173, 12.5368



29.7803, 23.1543, 17.3712



20.8298, 20.5648, 13.4614



5.8008, 5.8154, 6.0572



10.4318, 5.3779, 0.4882



0.1277, 0.0658, 0.0060

Inverse Universe

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



20.3158, 25.3527, 31.4266



34.4240, 44.3931, 56.1890



16.6594, 18.0399, 30.2078



5.9641, 6.5622, 7.4220



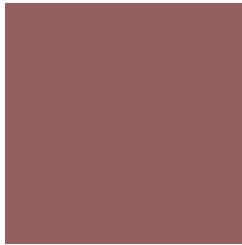
13.6100, 19.9148, 27.0577



0.1666, 0.2438, 0.3312

Previews

White Background



This preview shows how the XYZ color 18.0557, 15.0166, 12.5365 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 18.0557, 15.0166, 12.5365 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 18.0557, 15.0166, 12.5365

Background



This preview shows how black text looks on a background with the XYZ color 18.0557, 15.0166, 12.5365.

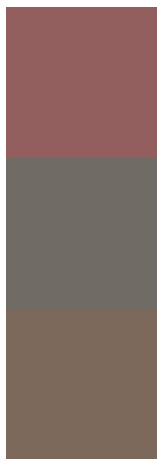


This preview shows how white text looks on a background with the XYZ color 18.0557, 15.0166,

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

18.0557, 15.0166, 12.5365

Protanopia

14.3936, 15.1095, 14.4697

Deuteranopia

15.3395, 15.0333, 12.2185



Tritanopia

18.4273, 15.0447, 13.9893

Trichromacy



Original Color

18.0557, 15.0166, 12.5365

Protanomaly

15.5123, 14.9423, 13.6218

Deuteranomaly

16.2058, 14.8912, 12.3761

Tritanomaly

18.3317, 15.0064, 13.4856

Monochromacy



Original Color

18.0557, 15.0166, 12.5365

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.6174, 15.1111, 15.1903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0557, 15.0166, 12.5365 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(147, 94, 94)` looks like.

```
.text, #text, p{  
    color:rgb(147, 94, 94)  
}
```

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(147, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 94, 94) }
```

Border

The CSS property to change the border of an element to XYZ 18.0557, 15.0166, 12.5365 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(147, 94, 94) }
```


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

```
.border{ border-color:rgb(147, 94, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 94, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 94, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 94, 94);  
box-shadow:4px 4px 4px 4px rgb(147, 94,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0557, 15.0166, 12.5365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 94, 94) }
```

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

```
.background{ background-color: rgb(147, 94,  
94) }
```

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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