

Converting Colors

XYZ(18.8385, 15.7200, 13.3100)

Have a look what the booklet for
XYZ(18.8385, 15.7200, 13.3100)
contains.

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Color

**XYZ(18.7350, 15.6184,
13.3365)**

Conversions

Conversions Part 1

Format	Color
Hex	956061
RGB	149, 96, 97
RGB Percent	58%, 38%, 38%
CMY	0.4157, 0.6235, 0.6196
CMYK	0.00, 0.36, 0.35, 0.42
HSL	359°, 22%, 48%
HSV	359°, 36%, 58%
XYZ	18.7350, 15.6184, 13.3365
YIQ	111.9610, 31.2670, 11.5470

Conversions

Conversions Part 2

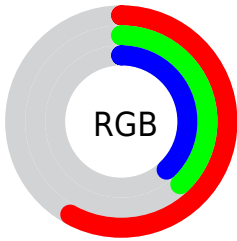
Format	Color
R_{YB}	149, 96, 97
Decimal	9789537
CIE _{Lab}	46.47, 21.72, 8.38
CIE _{LCh}	46, 23.283, 21.100
Yxy	15.6184, 0.3929, 0.3275
Android (android.graphics.Color)	4287979617 (0xFF956061)
YUV	111.9610, -7.3758, 32.4832
Hunter-Lab	39.5201, 15.4599, 7.6560

Details

The XYZ color **18.7350, 15.6184, 13.3365** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9173, 26.1202, 31.9576**, and the grayscale version is **15.4046, 16.2068, 17.6492**.

A 20% lighter version of the original color is **40.9559, 35.9847, 32.8041**, and **6.5197, 4.9224, 3.7385** is the 20% darker color. If you saturate the color by 10%, you get **16.8822, 12.9049, 9.6600**, and if you desaturate by 10%, it is **20.9720, 18.8990, 17.7612**.

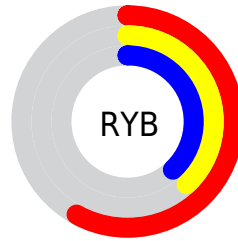
Distribution



Red (58%)

Green (38%)

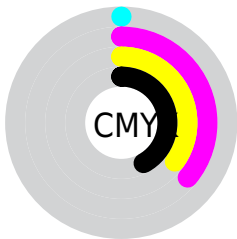
Blue (38%)



Red (58%)

Yellow (38%)

Blue (38%)

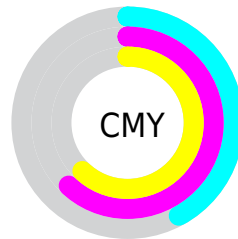


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (42%)



Cyan (42%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7350, 15.6184, 13.3365 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 18.7350, 15.6184, 13.3365 by changing the saturation by 10% instead.

■ 18.7350, 15.6184,
13.3365

■ 18.7350, 15.6184,
13.3365

237.9482,
227.0793, 224.3462

■ 11.5818, 9.2545,
7.5272

■ 40.8062, 35.9344,
32.6070

■ 6.5298, 4.9076,
3.7105

■ 56.4549, 50.6554,
46.9053

■ 3.2135, 2.1931,
1.4679

■ 75.6661, 68.9309,
64.8704

■ 1.2676, 0.7162,
0.1939

■ 98.8053, 91.1452,
86.9208

■ 0.1588, 0.0000,
0.0000

126.2377,
117.6828, 113.4750

■ 0.0000, 0.0000,
0.0000

158.3288,

148.9281, 144.9516

195.4438,
185.2655, 181.7692

■ 18.7350, 15.6184,
13.3365

■ 18.7350, 15.6184,
13.3365

■ 16.8822, 12.9049,
9.6600

■ 20.9720, 18.8990,
17.7612

■ 15.3907, 10.7243,
6.6895

■ 23.6117, 22.7738,
22.9714

■ 14.2375, 9.0422,
4.3802


■ 26.6731, 27.2711,
29.0028


■ 13.3960, 7.8193,
2.6814


■ 30.1734, 32.4166,
35.8888


■ 12.8358, 7.0102,
1.5354


■ 34.1290, 38.2345,
43.6609


 12.5170, 6.5533,
0.8717

 38.5555, 44.7478,
52.3490

 12.4098, 6.3957,
0.6609

 43.4675, 51.9785,
61.9815

 48.8793, 59.9475,
72.5858

 54.8044, 68.6749,
84.1879

Harmonies

Analogous

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



18.9835, 15.6184, 18.7696



18.7350, 15.6184, 13.3365



17.3966, 15.6184, 9.7859

Triad

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



18.7350, 15.6184, 13.3365



12.0451, 15.6184, 10.9780



14.2570, 15.6184, 30.3939

Complementary

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



18.7350, 15.6184, 13.3365



20.9173, 26.1202, 31.9576

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.



12.5556, 15.6184, 27.1134



18.7350, 15.6184, 13.3365



11.3562, 15.6184, 15.3561

Square

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



18.7350, 15.6184, 13.3365



13.5012, 15.6184, 8.6524



11.5343, 15.6184, 21.2930



16.2747, 15.6184, 29.5091

Rectangle

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



18.7350, 15.6184, 13.3365



16.1274, 15.6184, 8.5604



11.5343, 15.6184, 21.2930



13.6321, 15.6184, 29.7188

Sweetspot

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



18.7354, 15.6192, 13.3368



44.5728, 44.1443, 45.6473



21.6826, 16.7611, 30.5263



9.7345, 9.5723, 9.8334



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.



18.7354, 15.6192, 13.3368



30.7497, 23.8662, 18.3249



21.3113, 20.8448, 13.9675



5.8050, 5.8170, 6.0790



10.4459, 5.3834, 0.5629



0.1287, 0.0662, 0.0115

Inverse Universe

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



18.7354, 15.6192, 13.3368



30.7497, 23.8662, 18.3249



17.4905, 19.1397, 31.2063



5.8050, 5.8170, 6.0790



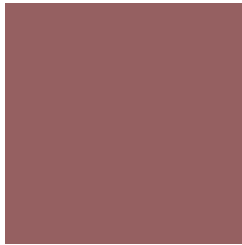
10.4459, 5.3834, 0.5629



0.1287, 0.0662, 0.0115

Previews

White Background



This preview shows how the XYZ color 18.7350, 15.6184, 13.3365 looks on a white background.

Color Contrast Check

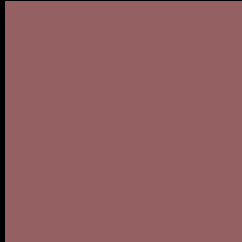
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7350, 15.6184, 13.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

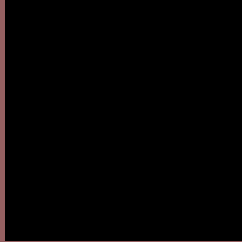
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.7350, 15.6184, 13.3365

Background



This preview shows how black text looks on a background with the XYZ color 18.7350, 15.6184, 13.3365.



This preview shows how white text looks on a background with the XYZ color 18.7350, 15.6184,

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

18.7350, 15.6184, 13.3365

Protanopia

15.0141, 15.7287, 15.3413

Deuteranopia

15.9720, 15.6463, 13.0047



Tritanopia

18.8849, 15.5333, 14.5733

Trichromacy



Original Color

18.7350, 15.6184, 13.3365

Protanomaly

16.1529, 15.5548, 14.4629

Deuteranomaly

16.8544, 15.4982, 13.1695

Tritanomaly

18.7869, 15.4941, 14.0571

Monochromacy



Original Color

18.7350, 15.6184, 13.3365

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.2653, 15.7296, 16.0888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7350, 15.6184, 13.3365 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(149, 96, 97)` looks like.

```
.text, #text, p{  
    color:rgb(149, 96, 97)  
}
```

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(149, 96, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 96, 97) }
```

Border

The CSS property to change the border of an element to XYZ 18.7350, 15.6184, 13.3365 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(149, 96, 97) }
```


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

```
.border{ border-color:rgb(149, 96, 97) }
```

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

Here you see how a box with a 4 pixel rgb(149, 96, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 96, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 96, 97);  
box-shadow:4px 4px 4px 4px rgb(149, 96,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7350, 15.6184, 13.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 96, 97) }
```

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

```
.background{ background-color: rgb(149, 96,  
97) }
```

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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