

Converting Colors

XYZ(18.2357, 16.6236, 15.6496)

Have a look what the booklet for
XYZ(18.2357, 16.6236, 15.6496)
contains.

XYZ(18.2488, 16.6120, 15.6092)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.2488, 16.6120,
15.6092)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6969
RGB	139, 105, 105
RGB Percent	55%, 41%, 41%
CMY	0.4549, 0.5882, 0.5882
CMYK	0.00, 0.24, 0.24, 0.45
HSL	0°, 14%, 48%
HSV	0°, 24%, 55%
XYZ	18.2488, 16.6120, 15.6092
YIQ	115.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

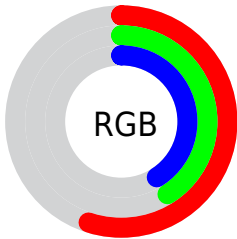
Format	Color
R_{YB}	139, 105, 105
Decimal	9136489
CIE _{Lab}	47.77, 13.59, 5.27
CIE _{LCh}	48, 14.575, 21.197
Yxy	16.6120, 0.3616, 0.3291
Android (android.graphics.Color)	4287326569 (0xFF8B6969)
YUV	115.1660, -5.0118, 20.9024
Hunter-Lab	40.7578, 8.5949, 5.8239

Details

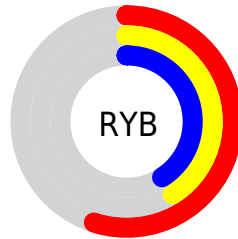
The XYZ color **18.2488, 16.6120, 15.6092** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7182, 23.3319, 27.8904**, and the grayscale version is **16.3568, 17.2086, 18.7402**.

A 20% lighter version of the original color is **39.8815, 37.5147, 36.5916**, and **6.3013, 5.4063, 4.7144** is the 20% darker color. If you saturate the color by 10%, you get **16.2902, 13.7461, 11.7150**, and if you desaturate by 10%, it is **20.5565, 19.9889, 20.1963**.

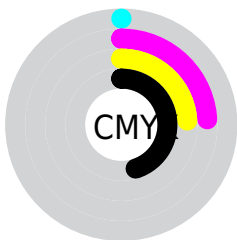
Distribution



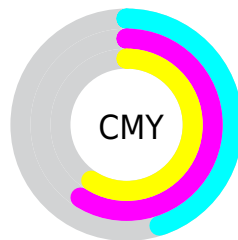
- Red (55%)
- Green (41%)
- Blue (41%)



- Red (55%)
- Yellow (41%)
- Blue (41%)



- Cyan (0%)
- Magenta (24%)
- Yellow (24%)
- Black (45%)



- Cyan (45%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2488, 16.6120, 15.6092 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 18.2488, 16.6120, 15.6092 by changing the saturation by 10% instead.

■ 18.2488, 16.6120,
15.6092

■ 18.2488, 16.6120,
15.6092

235.2882,
232.9264, 238.7910

■ 11.2295, 9.9582,
9.0967

■ 39.9876, 37.6575,
36.6757

■ 6.2899, 5.3713,
4.7066

■ 55.4378, 52.8179,
52.0668

■ 3.0645, 2.4667,
2.0205

■ 74.4291, 71.5828,
71.2545

■ 1.1879, 0.8599,
0.5678

■ 97.3267, 94.3364,
94.6573

■ 0.0968, 0.0000,
0.0000

124.4961,
121.4632, 122.6939

■ 0.0000, 0.0000,
0.0000

156.3026,

153.3475, 155.7826

193.1115,
190.3738, 194.3421

■ 18.2488, 16.6120,
15.6092

■ 18.2488, 16.6120,
15.6092

■ 16.2902, 13.7461,
11.7150

■ 20.5565, 19.9889,
20.1963

■ 14.6624, 11.3642,
8.4791

■ 23.2277, 23.8976,
25.5067

■ 13.3477, 9.4403,
5.8655

■ 26.2776, 28.3605,
31.5700

■ 12.3258, 7.9450,
3.8342

■ 29.7203, 33.3979,
38.4140

■ 11.5745, 6.8456,
2.3406

■ 33.5688, 39.0294,
46.0650

■ 11.0680, 6.1044,
1.3339

■ 37.8360, 45.2734,
54.5483

■ 10.7734, 5.6733,
0.7484

■ 42.5338, 52.1475,
63.8878

■ 10.6476, 5.4892,
0.4983

■ 47.6739, 59.6688,
74.1065

■ 53.2674, 67.8535,
85.2267

Harmonies

Analogous

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



18.4038, 16.6120, 19.2110



18.2488, 16.6120, 15.6092



17.4161, 16.6120, 13.0407

Triad

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



18.2488, 16.6120, 15.6092



13.9115, 16.6120, 13.9439



15.4079, 16.6120, 26.1687

Complementary

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



18.2488, 16.6120, 15.6092



19.7182, 23.3319, 27.8904

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.



14.2669, 16.6120, 24.2930



18.2488, 16.6120, 15.6092



13.4348, 16.6120, 17.0090

Square

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



18.2488, 16.6120, 15.6092



14.8983, 16.6120, 12.1755



13.5612, 16.6120, 20.8155



16.7150, 16.6120, 25.6578

Rectangle

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



18.2488, 16.6120, 15.6092



16.6127, 16.6120, 12.0967



13.5612, 16.6120, 20.8155



14.9934, 16.6120, 25.7879

Sweetspot

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



18.2493, 16.6128, 15.6095



40.2432, 40.8159, 42.9872



20.3593, 17.4564, 26.7225



9.2177, 9.3240, 9.7953



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.2493, 16.6128, 15.6095



30.7911, 26.9849, 24.1966



20.1569, 20.4281, 16.2454



5.0329, 5.0486, 5.2616



9.6099, 4.9543, 0.4498



0.0638, 0.0329, 0.0030

Inverse Universe

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



19.7182, 23.3319, 27.8904



33.8632, 41.0362, 49.8790



17.4456, 18.7866, 27.1328



5.1728, 5.6886, 6.4312



12.5375, 18.3453, 24.9259



0.0833, 0.1219, 0.1656

Previews

White Background



This preview shows how the XYZ color 18.2488, 16.6120, 15.6092 looks on a white background.

Color Contrast Check

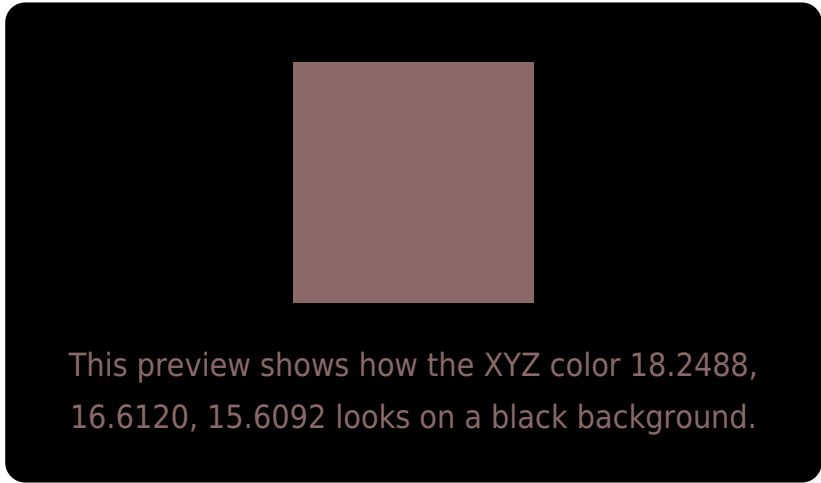
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 18.2488, 16.6120, 15.6092

Background



This preview shows how black text looks on a background with the XYZ color 18.2488, 16.6120, 15.6092.

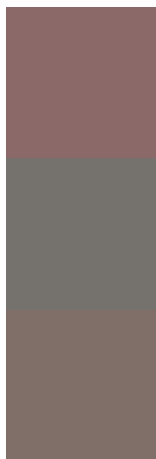


This preview shows how white text looks on a background with the XYZ color 18.2488, 16.6120,

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

18.2488, 16.6120, 15.6092

Protanopia

16.0016, 16.6963, 16.8473

Deuteranopia

16.9767, 16.7405, 15.4332



Tritanopia

18.6902, 16.6459, 17.5571

Trichromacy



Original Color

18.2488, 16.6120, 15.6092

Protanomaly

16.7402, 16.5945, 16.5081

Deuteranomaly

17.3770, 16.6301, 15.3908

Tritanomaly

18.5258, 16.5802, 16.6919

Monochromacy



Original Color

18.2488, 16.6120, 15.6092

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.8659, 16.8017, 17.3930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2488, 16.6120, 15.6092 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(139, 105, 105)` looks like.

```
.text, #text, p{  
    color:rgb(139, 105, 105)  
}
```

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(139, 105, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 105, 105) }
```

Border

The CSS property to change the border of an element to XYZ 18.2488, 16.6120, 15.6092 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(139, 105, 105) }
```


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

```
.border{ border-color:rgb(139, 105, 105) }
```

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

Here you see how a box with a 4 pixel rgb(139, 105, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 105, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 105, 105);  
box-shadow:4px 4px 4px 4px rgb(139, 105,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2488, 16.6120, 15.6092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 105, 105) }
```

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

```
.background{ background-color: rgb(139,  
105, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor