

Converting Colors

XYZ(18.2361, 15.7577, 7.8749)

Have a look what the booklet for
XYZ(18.2361, 15.7577, 7.8749)
contains.

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Color

**XYZ(18.2357, 15.7569,
7.8746)**

Conversions

Conversions Part 1

Format	Color
Hex	976246
RGB	151, 98, 70
RGB Percent	59%, 38%, 27%
CMY	0.4078, 0.6157, 0.7255
CMYK	0.00, 0.35, 0.54, 0.41
HSL	21°, 37%, 43%
HSV	21°, 54%, 59%
XYZ	18.2357, 15.7569, 7.8746
YIQ	110.6550, 40.5760, 2.5280

Conversions

Conversions Part 2

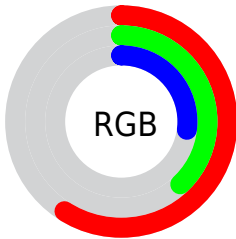
Format	Color
RYB	151, 113, 70
Decimal	9921094
CIELab	46.65, 18.32, 24.70
CIELCh	47, 30.750, 53.433
Yxy	15.7569, 0.4356, 0.3764
Android (android.graphics.Color)	4288111174 (0xFF976246)
YUV	110.6550, -20.0429, 35.3826
Hunter-Lab	39.6950, 12.5360, 16.0247

Details

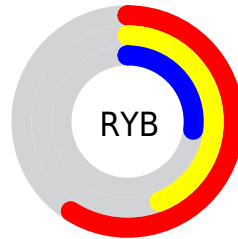
The XYZ color **18.2357, 15.7569, 7.8746** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.1943, 17.7015, 31.8940**, and the grayscale version is **15.0578, 15.8420, 17.2520**.

A 20% lighter version of the original color is **40.0896, 36.2367, 22.3342**, and **6.3000, 4.9836, 1.6072** is the 20% darker color. If you saturate the color by 10%, you get **16.9497, 13.8541, 5.3828**, and if you desaturate by 10%, it is **19.7565, 17.9374, 11.0364**.

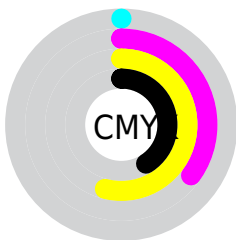
Distribution



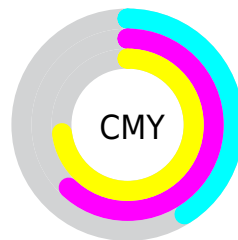
- Red (59%)
- Green (38%)
- Blue (27%)



- Red (59%)
- Yellow (44%)
- Blue (27%)



- Cyan (0%)
- Magenta (35%)
- Yellow (54%)
- Black (41%)



- Cyan (41%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2357, 15.7569, 7.8746 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 18.2357, 15.7569, 7.8746 by changing the saturation by 10% instead.

■ 18.2357, 15.7569,
7.8746

■ 18.2357, 15.7569,
7.8746

235.2162,
227.9029, 184.6428

■ 11.2201, 9.3523,
3.9282

■ 39.9655, 36.1757,
22.2543

■ 6.2834, 4.9717,
1.5860

■ 55.4103, 50.9586,
33.5248

■ 3.0605, 2.2307,
0.2808

■ 74.3956, 69.3031,
48.0736

■ 1.1858, 0.7366,
0.0000

■ 97.2867, 91.5936,
66.3194

■ 0.0951, 0.0000,
0.0000

■ 124.4490,
118.2144, 88.6806

■ 0.0000, 0.0000,
0.0000

156.2477,

149.5500, 115.5759

193.0484,
185.9847, 147.4238

■ 18.2357, 15.7569,
7.8746

■ 18.2357, 15.7569,
7.8746

■ 16.9497, 13.8541,
5.3828

■ 19.7565, 17.9374,
11.0364

■ 15.8839, 12.2148,
3.5103

■ 21.5231, 20.4045,
14.9117

■ 15.0240, 10.8268,
2.2008

■ 23.5470, 23.1694,
19.5417

■ 14.3528, 9.6757,
1.3868

■ 25.8388, 26.2420,
24.9638

■ 13.9996, 9.0536,
1.0097

■ 28.4084, 29.6318,
31.2132

■ 31.2650, 33.3478,
38.3229

■ 34.4176, 37.3985,
46.3239

■ 37.8747, 41.7924,
55.2459

■ 41.6444, 46.5375,
65.1171

Harmonies

Analogous

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



20.1778, 15.7569, 11.9649



18.2357, 15.7569, 7.8746



15.5692, 15.7569, 6.3295

Triad

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



18.2357, 15.7569, 7.8746



10.4474, 15.7569, 15.5349



17.1044, 15.7569, 34.4162

Complementary

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



18.2357, 15.7569, 7.8746



15.1943, 17.7015, 31.8940

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.



14.3990, 15.7569, 36.2157



18.2357, 15.7569, 7.8746



10.7559, 15.7569, 23.6674

Square

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



18.2357, 15.7569, 7.8746



11.2320, 15.7569, 9.8245



12.1307, 15.7569, 31.8191



19.4724, 15.7569, 27.4493

Rectangle

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



18.2357, 15.7569, 7.8746



13.8192, 15.7569, 6.4875



12.1307, 15.7569, 31.8191



16.1966, 15.7569, 35.7166

Sweetspot

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



18.2361, 15.7577, 7.8749



45.1269, 45.4674, 41.9635



18.5908, 12.4150, 20.4853



10.0787, 10.0960, 9.1148



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.



18.2361, 15.7577, 7.8749



30.0155, 24.2979, 9.0165



22.8849, 25.0553, 9.4245



6.3747, 6.5545, 6.5350



11.9344, 7.7512, 0.8671



0.2102, 0.1794, 0.0235

Inverse Universe

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



15.1943, 17.7015, 31.8940



23.9549, 28.0805, 56.5912



11.2435, 9.7999, 30.5771



6.2047, 6.6668, 7.8888



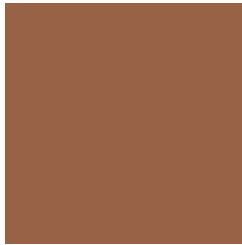
8.5586, 9.5139, 26.2930



0.1616, 0.2095, 0.4043

Previews

White Background



This preview shows how the XYZ color 18.2357, 15.7569, 7.8746 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 18.2357, 15.7569, 7.8746 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 18.2357, 15.7569, 7.8746

Background



This preview shows how black text looks on a background with the XYZ color 18.2357, 15.7569, 7.8746.



This preview shows how white text looks on a background with the XYZ color 18.2357, 15.7569,

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

18.2357, 15.7569, 7.8746

Protanopia

14.7002, 15.8699, 8.9450

Deuteranopia

16.0289, 15.7938, 7.6725



Tritanopia

19.4885, 15.7173, 14.3185

Trichromacy



Original Color

18.2357, 15.7569, 7.8746

Protanomaly

15.7167, 15.6144, 8.4889

Deuteranomaly

16.7396, 15.7056, 7.7794

Tritanomaly

18.8866, 15.5980, 11.6881

Monochromacy



Original Color

18.2357, 15.7569, 7.8746

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.8695, 15.5882, 13.2387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2357, 15.7569, 7.8746 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(151, 98, 70)` looks like.

```
.text, #text, p{  
    color:rgb(151, 98, 70)  
}
```

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(151, 98, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 98, 70) }
```

Border

The CSS property to change the border of an element to XYZ 18.2357, 15.7569, 7.8746 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(151, 98, 70) }
```


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

```
.border{ border-color:rgb(151, 98, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 98, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 98, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 98, 70);  
box-shadow:4px 4px 4px 4px rgb(151, 98,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2357, 15.7569, 7.8746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 98, 70) }
```

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

```
.background{ background-color: rgb(151, 98,  
70) }
```

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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