

Converting Colors

XYZ(7.3074, 11.8227, 9.4425)

Have a look what the booklet for
XYZ(7.3074, 11.8227, 9.4425)
contains.

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Color

**XYZ(7.3548, 11.9016,
9.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	166E50
RGB	22, 110, 80
RGB Percent	9%, 43%, 31%
CMY	0.9137, 0.5686, 0.6863
CMYK	0.80, 0.00, 0.27, 0.57
HSL	160°, 67%, 26%
HSV	160°, 80%, 43%
XYZ	7.3548, 11.9016, 9.4990
YIQ	80.2680, -42.8180, -27.9860

Conversions

Conversions Part 2

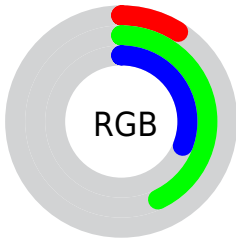
Format	Color
RYB	22, 75, 110
Decimal	1470032
CIELab	41.06, -32.88, 9.68
CIELCh	41, 34.273, 163.602
Yxy	11.9016, 0.2558, 0.4139
Android (android.graphics.Color)	4279660112 (0xFF166E50)
YUV	80.2680, -0.1321, -51.1010
Hunter-Lab	34.4987, -22.3182, 7.8240

Details

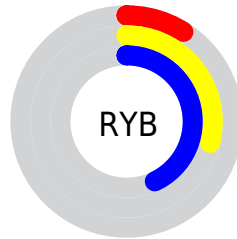
The XYZ color **7.3548, 11.9016, 9.4990** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7.3376, 4.1371, 3.6614**, and the grayscale version is **7.6840, 8.0841, 8.8036**.

A 20% lighter version of the original color is **20.2761, 29.1750, 25.3315**, and **1.9721, 3.4588, 2.1538** is the 20% darker color. If you saturate the color by 10%, you get **7.0274, 11.7487, 8.7806**, and if you desaturate by 10%, it is **7.7940, 12.1119, 10.2636**.

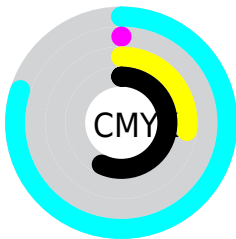
Distribution



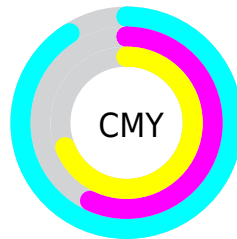
- Red (9%)
- Green (43%)
- Blue (31%)



- Red (9%)
- Yellow (29%)
- Blue (43%)



- Cyan (80%)
- Magenta (0%)
- Yellow (27%)
- Black (57%)





- Cyan (91%)
- Magenta (57%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.3548, 11.9016, 9.4990 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 7.3548, 11.9016, 9.4990 by changing the saturation by 10% instead.


 7.3548, 11.9016,
9.4990


 7.3548, 11.9016,
9.4990


165.0613,
203.7528, 197.4111


 3.7333, 6.6767,
4.9668


 20.3812, 29.3158,
25.4417


 1.5524, 3.2608,
2.1694

 30.5168, 42.2738,
37.6894


 0.3611, 1.2693,
0.6566

 43.5545, 58.5784,
53.3459

 0.0000, 0.1173,
0.0000

 59.8596, 78.6139,
72.8299

 0.0000, 0.0000,
0.0000

 79.7975, 102.7647,
96.5599

 103.7335,

131.4151, 124.9544

132.0330,
164.9497, 158.4319

■ 7.3548, 11.9016,
9.4990

■ 7.3548, 11.9016,
9.4990

■ 7.0274, 11.7487,
8.7806

■ 7.7940, 12.1119,
10.2636

■ 6.7623, 11.6267,
8.1046

■ 8.3560, 12.3842,
11.0746

■ 6.7621, 11.6266,
8.1043

■ 9.0512, 12.7243,
11.9336

■ 9.8890, 13.1370,
12.8415

■ 10.8775, 13.6264,
13.7993

■ 12.0246, 14.1966,
14.8080

■ 13.3372, 14.8512,
15.8684

■ 14.8221, 15.5935,
16.9815

■ 16.4856, 16.4270,
18.1481

Harmonies

Analogous

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



8.3541, 11.9016, 5.4173



7.3548, 11.9016, 9.4990



7.3101, 11.9016, 16.4121

Triad

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



7.3548, 11.9016, 9.4990



12.4612, 11.9016, 31.0835



15.0939, 11.9016, 5.6827

Complementary

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



7.3548, 11.9016, 9.4990



7.3376, 4.1371, 3.6614

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.



16.5593, 11.9016, 10.0274



7.3548, 11.9016, 9.4990



14.8970, 11.9016, 25.4490

Square

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



7.3548, 11.9016, 9.4990



10.0289, 11.9016, 30.7780



16.4824, 11.9016, 17.1707



12.7004, 11.9016, 3.8245

Rectangle

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



7.3548, 11.9016, 9.4990



7.8127, 11.9016, 21.9924



16.4824, 11.9016, 17.1707



15.7259, 11.9016, 6.8156

Sweetspot

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



7.3551, 11.9021, 9.4993



20.1458, 24.4481, 25.1710



7.1789, 11.9618, 2.6898



4.5638, 5.6275, 5.7471



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



7.3551, 11.9021, 9.4993



11.9781, 20.4675, 14.4006



7.4020, 9.8094, 16.2556



3.4290, 3.7968, 4.0653



8.1093, 13.9612, 9.6625



39.9806, 69.3809, 45.9445

Inverse Universe

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



7.3376, 4.1371, 3.6614



11.9851, 6.1978, 3.8668



7.1826, 4.5872, 1.2662



3.4271, 3.4185, 3.7758



8.1228, 4.1415, 2.4564



40.0945, 20.4831, 10.2958

Previews

White Background



This preview shows how the XYZ color 7.3548, 11.9016, 9.4990 looks on a white background.

Color Contrast Check

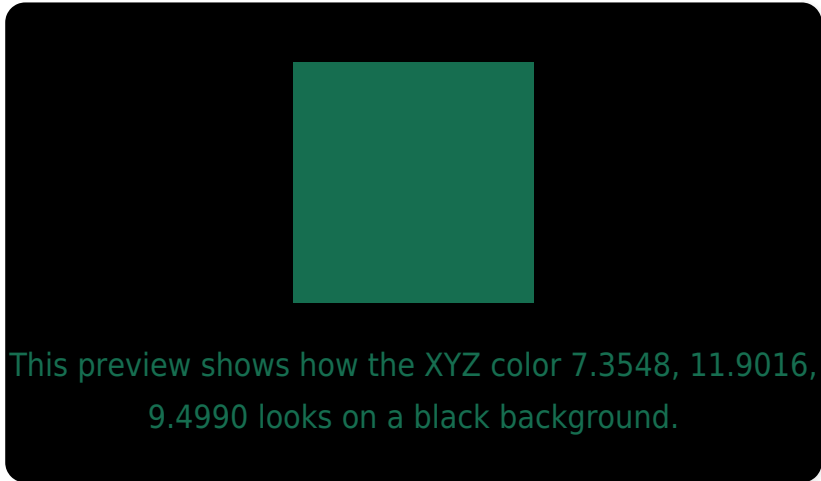
Large Text (above 18pt) WCAG AA ✓ Pass

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 7.3548, 11.9016, 9.4990

Background



This preview shows how black text looks on a background with the XYZ color 7.3548, 11.9016, 9.4990.



This preview shows how white text looks on a background with the XYZ color 7.3548, 11.9016,

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

7.3548, 11.9016, 9.4990

Protanopia

11.0124, 11.7437, 8.1649

Deuteranopia

11.9450, 11.7838, 10.0324



Tritanopia

9.1057, 11.9944, 17.7548

Trichromacy



Original Color

7.3548, 11.9016, 9.4990

Protanomaly

8.7822, 11.2850, 8.5528

Deuteranomaly

9.1651, 11.1679, 9.8562

Tritanomaly

8.3157, 11.8148, 14.4126

Monochromacy



Original Color

7.3548, 11.9016, 9.4990

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

6.9927, 8.9912, 8.9563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.3548, 11.9016, 9.4990 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(22, 110, 80)` looks like.

```
.text, #text, p{  
    color:rgb(22, 110, 80)  
}
```

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(22, 110, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 110, 80) }
```

Border

The CSS property to change the border of an element to XYZ 7.3548, 11.9016, 9.4990 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(22, 110, 80) }
```


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

```
.border{ border-color:rgb(22, 110, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 110, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 110, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 110, 80);  
box-shadow:4px 4px 4px 4px rgb(22, 110,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 7.3548, 11.9016, 9.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 110, 80) }
```

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

```
.background{ background-color: rgb(22, 110,  
80) }
```

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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