

Converting Colors

XYZ(7.1358, 11.6118, 9.6294)

Have a look what the booklet for
XYZ(7.1358, 11.6118, 9.6294)
contains.

XYZ(7.1508, 11.6329, 9.6531)	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(7.1508, 11.6329,
9.6531)**

Conversions

Conversions Part 1

Format	Color
Hex	0F6D51
RGB	15, 109, 81
RGB Percent	6%, 43%, 32%
CMY	0.9412, 0.5725, 0.6823
CMYK	0.86, 0.00, 0.26, 0.57
HSL	162°, 76%, 24%
HSV	162°, 86%, 43%
XYZ	7.1508, 11.6329, 9.6531
YIQ	77.7020, -47.0360, -28.6360

Conversions

Conversions Part 2

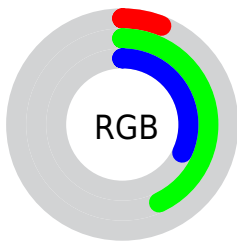
Format	Color
RYB	15, 70, 109
Decimal	1011025
CIELab	40.63, -33.00, 8.45
CIELCh	41, 34.068, 165.634
Yxy	11.6329, 0.2515, 0.4091
Android (android.graphics.Color)	4279201105 (0xFF0F6D51)
YUV	77.7020, 1.6259, -54.9897
Hunter-Lab	34.1070, -22.2634, 7.0945

Details

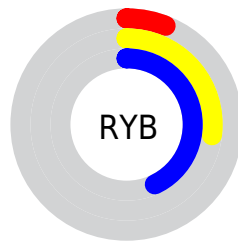
The XYZ color **7.1508, 11.6329, 9.6531** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6.9138, 3.7675, 2.6485**, and the grayscale version is **7.1890, 7.5634, 8.2365**.

A 20% lighter version of the original color is **19.9160, 28.7211, 25.6131**, and **1.9343, 3.3591, 2.2155** is the 20% darker color. If you saturate the color by 10%, you get **6.8865, 11.5107, 9.0204**, and if you desaturate by 10%, it is **7.5023, 11.8000, 10.3208**.

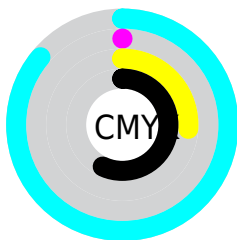
Distribution



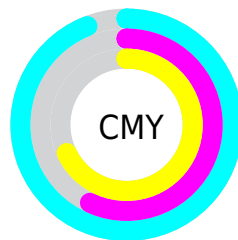
- Red (6%)
- Green (43%)
- Blue (32%)



- Red (6%)
- Yellow (27%)
- Blue (43%)



- Cyan (86%)
- Magenta (0%)
- Yellow (26%)
- Black (57%)



- Cyan (94%)
- Magenta (57%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.1508, 11.6329, 9.6531 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 7.1508, 11.6329, 9.6531 by changing the saturation by 10% instead.

7.1508, 11.6329,
9.6531

7.1508, 11.6329,
9.6531

163.4284,
201.9596, 198.5720

3.6038, 6.4942,
5.0670

19.9777, 28.8247,
25.7385

1.4805, 3.1479,
2.2272

29.9882, 41.6467,
38.0748

0.3125, 1.2094,
0.6900

42.8840, 57.7985,
53.8316

0.0000, 0.0694,
0.0000


59.0303, 77.6646,
73.4275


0.0000, 0.0000,
0.0000


78.7926, 101.6293,
97.2809


102.5361,


130.0772, 125.8104


 130.6263,
163.3925, 159.4346


 7.1508, 11.6329,
9.6531


 7.1508, 11.6329,
9.6531


 6.8865, 11.5107,
9.0204


 7.5023, 11.8000,
10.3208

 6.7919, 11.4669,
8.7903

 7.9653, 12.0236,
11.0242

 8.5510, 12.3097,
11.7646

 9.2689, 12.6633,
12.5428

 10.1276, 13.0888,
13.3596

■ 11.1349, 13.5902,
14.2158

■ 12.2981, 14.1712,
15.1120

■ 13.6240, 14.8354,
16.0489

■ 15.1188, 15.5859,
17.0273

Harmonies

Analogous

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



8.0662, 11.6329, 5.4730



7.1508, 11.6329, 9.6531



7.1707, 11.6329, 16.5862

Triad

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



7.1508, 11.6329, 9.6531



12.3520, 11.6329, 30.2063



14.6202, 11.6329, 5.3552

Complementary

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



7.1508, 11.6329, 9.6531



6.9138, 3.7675, 2.6485

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.



16.1413, 11.6329, 9.4184



7.1508, 11.6329, 9.6531



14.7078, 11.6329, 24.3838

Square

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



7.1508, 11.6329, 9.6531



9.9474, 11.6329, 30.3422



16.1755, 11.6329, 16.2490



12.2456, 11.6329, 3.6742

Rectangle

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



7.1508, 11.6329, 9.6531



7.7046, 11.6329, 22.0682



16.1755, 11.6329, 16.2490



15.2626, 11.6329, 6.4053

Sweetspot

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



7.1511, 11.6334, 9.6534



19.8445, 24.2879, 25.3789



6.5598, 11.4901, 2.3241



4.5068, 5.5965, 5.8144



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.



7.1511, 11.6334, 9.6534



12.1055, 20.5101, 15.4442



6.6307, 8.5522, 15.7698



3.1453, 3.4773, 3.7489



7.9330, 13.4073, 10.2242



40.0267, 68.1578, 50.0151

Inverse Universe

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



6.9138, 3.7675, 2.6485



11.7207, 5.9928, 2.7802



6.9595, 4.4186, 0.9381



3.1334, 3.1302, 3.4330



7.6790, 3.9237, 1.9382



38.7864, 19.8565, 8.0780

Previews

White Background



This preview shows how the XYZ color 7.1508, 11.6329, 9.6531 looks on a white background.

Color Contrast Check

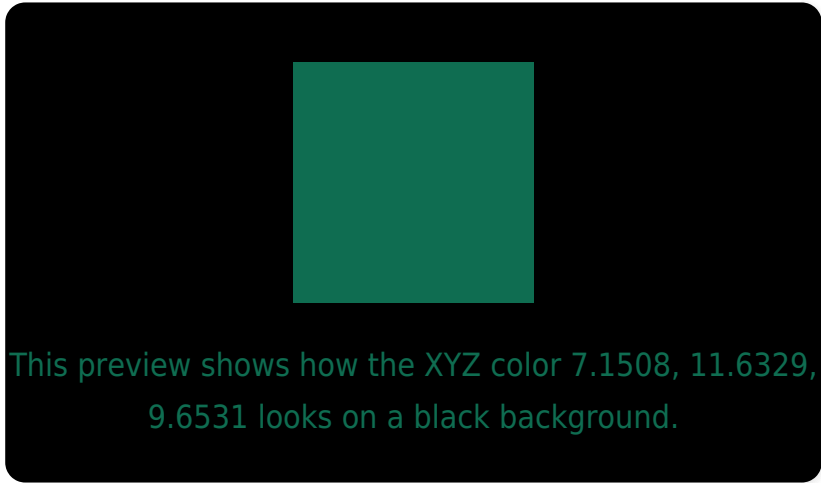
Large Text (above 18pt) WCAG AA ✓ Pass

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 7.1508, 11.6329, 9.6531

Background



This preview shows how black text looks on a background with the XYZ color 7.1508, 11.6329, 9.6531.



This preview shows how white text looks on a background with the XYZ color 7.1508, 11.6329,

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

7.1508, 11.6329, 9.6531

Protanopia

10.8077, 11.5036, 8.1294

Deuteranopia

11.6512, 11.4983, 10.1996



Tritanopia

8.8315, 11.7075, 17.4171

Trichromacy



Original Color

7.1508, 11.6329, 9.6531

Protanomaly

8.4225, 10.9523, 8.6913

Deuteranomaly

8.7920, 10.8313, 10.0148

Tritanomaly

8.0384, 11.5237, 14.1125

Monochromacy



Original Color

7.1508, 11.6329, 9.6531

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

6.5592, 8.5215, 8.6962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.1508, 11.6329, 9.6531 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(15, 109, 81)` looks like.

```
.text, #text, p{  
    color:rgb(15, 109, 81)  
}
```

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(15, 109, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 109, 81) }
```

Border

The CSS property to change the border of an element to XYZ 7.1508, 11.6329, 9.6531 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(15, 109, 81) }
```


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

```
.border{ border-color:rgb(15, 109, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 109, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 109, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 109, 81);  
box-shadow:4px 4px 4px 4px rgb(15, 109,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 7.1508, 11.6329, 9.6531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 109, 81) }
```

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

```
.background{ background-color: rgb(15, 109,  
81) }
```

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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