

Converting Colors

XYZ(7.4984, 11.0447, 11.2212)

Have a look what the booklet for
XYZ(7.4984, 11.0447, 11.2212)
contains.

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Color

**XYZ(7.4810, 10.9970,
11.1795)**

Conversions

Conversions Part 1

Format	Color
Hex	246859
RGB	36, 104, 89
RGB Percent	14%, 41%, 35%
CMY	0.8588, 0.5921, 0.6510
CMYK	0.65, 0.00, 0.14, 0.59
HSL	167°, 49%, 27%
HSV	167°, 65%, 41%
XYZ	7.4810, 10.9970, 11.1795
YIQ	81.9580, -35.7130, -19.0810

Conversions

Conversions Part 2

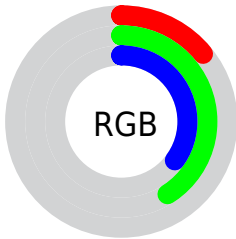
Format	Color
R_{YB}	36, 74, 104
Decimal	2386009
CIE _{Lab}	39.58, -25.27, 2.17
CIE _{LCh}	40, 25.364, 175.098
Yxy	10.9970, 0.2522, 0.3708
Android (android.graphics.Color)	4280576089 (0xFF246859)
YUV	81.9580, 3.4717, -40.3052
Hunter-Lab	33.1617, -17.7650, 3.2253

Details

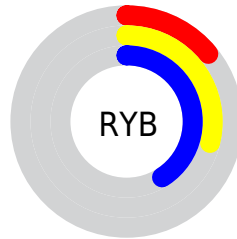
The XYZ color **7.4810, 10.9970, 11.1795** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6.9377, 4.4440, 3.6243**, and the grayscale version is **8.0102, 8.4274, 9.1774**.

A 20% lighter version of the original color is **20.6685, 27.7649, 28.6959**, and **1.8688, 3.0102, 2.8654** is the 20% darker color. If you saturate the color by 10%, you get **7.0747, 10.7988, 10.6655**, and if you desaturate by 10%, it is **7.9965, 11.2517, 11.7147**.

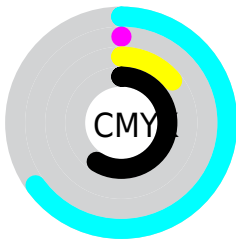
Distribution



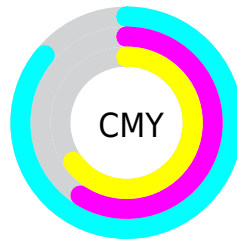
- Red (14%)
- Green (41%)
- Blue (35%)



- Red (14%)
- Yellow (29%)
- Blue (41%)



- Cyan (65%)
- Magenta (0%)
- Yellow (14%)
- Black (59%)



- Cyan (86%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.4810, 10.9970, 11.1795 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 7.4810, 10.9970, 11.1795 by changing the saturation by 10% instead.

7.4810, 10.9970,
11.1795

7.4810, 10.9970,
11.1795

166.0618,
197.6470, 209.6764

3.8137, 6.0648,
6.0720

20.6298, 27.6546,
28.6333

1.5973, 2.8845,
2.8194

30.8420, 40.1488,
41.8167

0.3906, 1.0718,
1.0032

43.9666, 55.9326,
58.5292

0.0000, 0.0000,
0.0000

60.3688, 75.3901,
79.1893

80.4141, 98.9060,
104.2155

104.4678,

126.8644, 134.0264

132.8952,
159.6500, 169.0405

■ 7.4810, 10.9970,
11.1795

■ 7.4810, 10.9970,
11.1795

■ 7.0747, 10.7988,
10.6655

■ 7.9965, 11.2517,
11.7147

■ 6.7672, 10.6509,
10.1715

■ 8.6286, 11.5659,
12.2710

■ 6.5381, 10.5430,
9.6966

■ 9.3851, 11.9439,
12.8490

■ 6.4379, 10.4960,
9.4828

■ 10.2729, 12.3892,
13.4493

■ 11.2984, 12.9051,
14.0723

■ 12.4675, 13.4947,
14.7183

■ 13.7858, 14.1609,
15.3878

■ 15.2587, 14.9064,
16.0812

■ 16.8910, 15.7337,
16.7987

Harmonies

Analogous

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



7.9590, 10.9970, 7.3156



7.4810, 10.9970, 11.1795



7.7247, 10.9970, 16.4769

Triad

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



7.4810, 10.9970, 11.1795



11.9248, 10.9970, 22.8140



12.4695, 10.9970, 5.7460

Complementary

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



7.4810, 10.9970, 11.1795



6.9377, 4.4440, 3.6243

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.



13.7565, 10.9970, 8.3765



7.4810, 10.9970, 11.1795



13.4186, 10.9970, 18.2802

Square

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



7.4810, 10.9970, 11.1795



10.1711, 10.9970, 24.1661



14.1216, 10.9970, 12.8050



10.7386, 10.9970, 4.7789

Rectangle

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



7.4810, 10.9970, 11.1795



8.2794, 10.9970, 20.0507



14.1216, 10.9970, 12.8050



12.9756, 10.9970, 6.4226

Sweetspot

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



7.4813, 10.9974, 11.1798



18.8588, 22.1555, 24.1166



6.6783, 10.7550, 3.3930



4.5120, 5.3606, 5.8291



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



7.4813, 10.9974, 11.1798



12.1313, 18.8094, 18.2896



6.5437, 8.0092, 14.2983



2.8791, 3.1754, 3.4646



7.9238, 12.9331, 11.6261



40.9911, 67.3190, 58.8686

Inverse Universe

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



6.9377, 4.4440, 3.6243



11.1157, 6.3354, 4.0038



7.3530, 5.7214, 2.3859



2.8519, 2.8554, 3.0928



7.2163, 3.6995, 1.2713



37.3566, 19.1826, 5.1554

Previews

White Background



This preview shows how the XYZ color 7.4810, 10.9970, 11.1795 looks on a white background.

Color Contrast Check

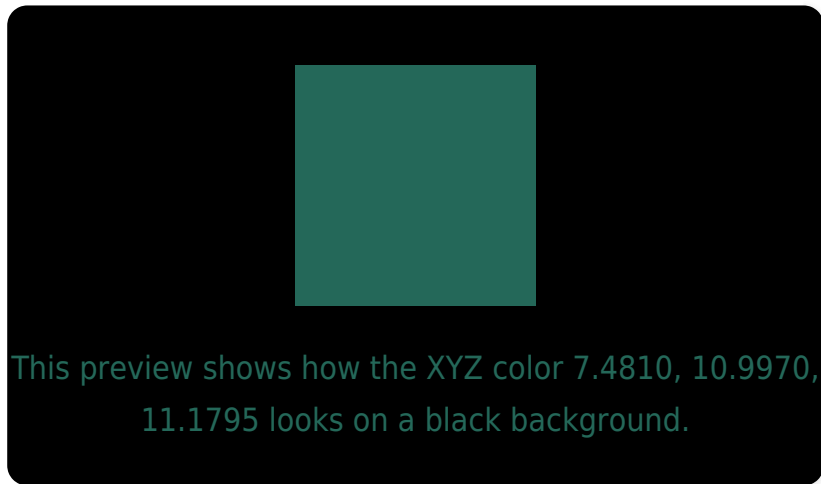
Large Text (above 18pt) WCAG AA ✓ Pass

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 7.4810, 10.9970, 11.1795

Background



This preview shows how black text looks on a background with the XYZ color 7.4810, 10.9970, 11.1795.



This preview shows how white text looks on a background with the XYZ color 7.4810, 10.9970,

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

7.4810, 10.9970, 11.1795

Protanopia

10.4054, 10.9946, 9.7574

Deuteranopia

11.0674, 10.9098, 11.6477



Tritanopia

8.4962, 10.9694, 16.1375

Trichromacy



Original Color

7.4810, 10.9970, 11.1795

Protanomaly

8.8160, 10.7011, 10.1952

Deuteranomaly

9.1224, 10.5595, 11.4549

Tritanomaly

8.1045, 10.9543, 14.2576

Monochromacy



Original Color

7.4810, 10.9970, 11.1795

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

7.4758, 9.0920, 9.9552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.4810, 10.9970, 11.1795 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(36, 104, 89)` looks like.

```
.text, #text, p{  
    color:rgb(36, 104, 89)  
}
```

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(36, 104, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 104, 89) }
```

Border

The CSS property to change the border of an element to XYZ 7.4810, 10.9970, 11.1795 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(36, 104, 89) }
```


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

```
.border{ border-color:rgb(36, 104, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 104, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 104, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 104, 89);  
box-shadow:4px 4px 4px 4px rgb(36, 104,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 7.4810, 10.9970, 11.1795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 104, 89) }
```

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

```
.background{ background-color: rgb(36, 104,  
89) }
```

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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