

Converting Colors

XYZ(11.4454, 13.9132, 11.5428)

Have a look what the booklet for
XYZ(11.4454, 13.9132, 11.5428)
contains.

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Color

**XYZ(11.4989, 13.9970,
11.5468)**

Conversions

Conversions Part 1

Format	Color
Hex	596E59
RGB	89, 110, 89
RGB Percent	35%, 43%, 35%
CMY	0.6510, 0.5686, 0.6510
CMYK	0.19, 0.00, 0.19, 0.57
HSL	120°, 11%, 39%
HSV	120°, 19%, 43%
XYZ	11.4989, 13.9970, 11.5468
YIQ	101.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

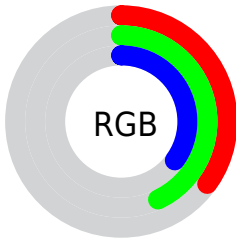
Format	Color
R_{YB}	89, 110, 110
Decimal	5860953
CIE _{Lab}	44.23, -12.31, 9.18
CIE _{LCh}	44, 15.357, 143.310
Yxy	13.9970, 0.3104, 0.3779
Android (android.graphics.Color)	4284051033 (0xFF596E59)
YUV	101.3270, -6.0772, -10.8108
Hunter-Lab	37.4126, -10.6093, 7.8899

Details

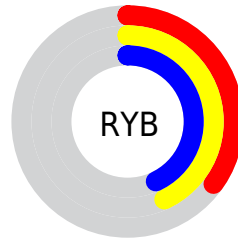
The XYZ color **11.4989, 13.9970, 11.5468** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8177, 11.5858, 16.3132**, and the grayscale version is **12.4708, 13.1203, 14.2880**.

A 20% lighter version of the original color is **28.2280, 33.1937, 29.3453**, and **3.1549, 4.1333, 2.9170** is the 20% darker color. If you saturate the color by 10%, you get **10.0933, 13.3222, 9.2474**, and if you desaturate by 10%, it is **13.1321, 14.7819, 14.2178**.

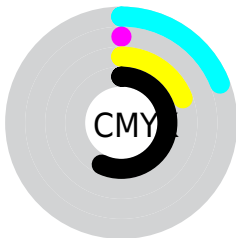
Distribution



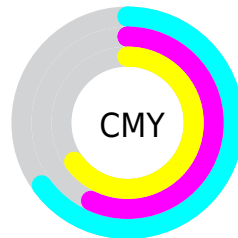
- Red (35%)
- Green (43%)
- Blue (35%)



- Red (35%)
- Yellow (43%)
- Blue (43%)



- Cyan (19%)
- Magenta (0%)
- Yellow (19%)
- Black (57%)



- Cyan (65%)
- Magenta (57%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4989, 13.9970, 11.5468 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 11.4989, 13.9970, 11.5468 by changing the saturation by 10% instead.

■ 11.4989, 13.9970,
11.5468

■ 11.4989, 13.9970,
11.5468

194.8975,
217.2122, 212.2518

■ 6.4732, 8.1186,
6.3171

■ 28.2039, 33.0837,
29.3189

■ 3.1783, 4.1709,
2.9670

■ 40.6140, 47.0608,
42.6984

■ 1.2487, 1.7696,
1.0778

■ 56.2163, 64.5062,
59.6316

■ 0.1443, 0.4681,
0.0000

■ 75.3760, 85.8043,
80.5370

■ 0.0000, 0.0000,
0.0000

■ 98.4587, 111.3396,
105.8332

125.8296,

141.4964, 135.9387

157.8540,
176.6591, 171.2720

■ 11.4989, 13.9970,
11.5468

■ 11.4989, 13.9970,
11.5468

■ 10.0933, 13.3222,
9.2474

■ 13.1321, 14.7819,
14.2178

■ 8.9041, 12.7510,
7.3022

■ 15.0011, 15.6797,
17.2750

■ 7.9209, 12.2787,
5.6941

■ 17.1153, 16.6953,
20.7330

■ 7.1321, 11.8998,
4.4037

■ 19.4830, 17.8326,
24.6057

■ 6.5246, 11.6080,
3.4102

■ 22.1122, 19.0955,
28.9061

■ 6.0842, 11.3965,
2.6897

■ 25.0106, 20.4878,
33.6469

■ 5.7942, 11.2572,
2.2153

■ 28.1855, 22.0129,
38.8399

■ 5.5942, 11.1611,
1.8882

■ 31.6441, 23.6742,
44.4968

■ 5.5762, 11.1525,
1.8588

■ 35.3930, 25.4750,
50.6288

Harmonies

Analogous

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



12.3912, 13.9970, 9.8358



11.4989, 13.9970, 11.5468



11.0939, 13.9970, 14.4661

Triad

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



11.4989, 13.9970, 11.5468



13.0306, 13.9970, 22.9907



15.5919, 13.9970, 12.7183

Complementary

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



11.4989, 13.9970, 11.5468



12.8177, 11.5858, 16.3132

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.



15.7891, 13.9970, 16.0418



11.4989, 13.9970, 11.5468



14.2600, 13.9970, 22.3317

Square

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



11.4989, 13.9970, 11.5468



11.9423, 13.9970, 21.3308



15.2882, 13.9970, 19.6479



14.7648, 13.9970, 10.4359

Rectangle

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



11.4989, 13.9970, 11.5468



11.1359, 13.9970, 16.8506



15.2882, 13.9970, 19.6479



15.7361, 13.9970, 13.7361

Sweetspot

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



11.4993, 13.9976, 11.5471



23.9803, 26.4001, 26.4711



13.8102, 15.1889, 11.6551



5.5480, 6.1279, 6.1070



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.



11.4993, 13.9976, 11.5471



19.0295, 24.0220, 18.3733



11.9723, 14.1868, 14.0378



3.3451, 3.7632, 3.6234



6.6985, 13.3969, 2.2329



33.3679, 66.7358, 11.1229

Inverse Universe

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



12.8177, 11.5858, 16.3132



21.8070, 18.9413, 28.4135



12.2793, 11.3704, 13.4780



3.5144, 3.4535, 4.2356



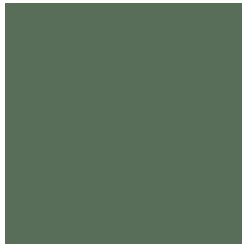
11.1058, 5.3347, 18.1648



55.3227, 26.5744, 90.4863

Previews

White Background



This preview shows how the XYZ color 11.4989, 13.9970, 11.5468 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 11.4989, 13.9970, 11.5468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

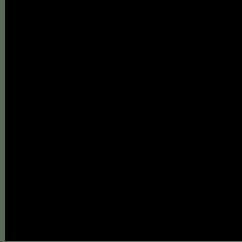
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4989, 13.9970, 11.5468

Background



This preview shows how black text looks on a background with the XYZ color 11.4989, 13.9970, 11.5468.



This preview shows how white text looks on a background with the XYZ color 11.4989, 13.9970,

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

11.4989, 13.9970, 11.5468

Protanopia

13.0604, 13.8875, 10.7963

Deuteranopia

14.0532, 13.7916, 11.8189



Tritanopia

12.7627, 13.8730, 18.2247

Trichromacy



Original Color

11.4989, 13.9970, 11.5468

Protanomaly

12.3538, 13.8210, 11.0334

Deuteranomaly

12.9801, 13.8270, 11.6576

Tritanomaly

12.2728, 13.8313, 15.6585

Monochromacy



Original Color

11.4989, 13.9970, 11.5468

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.0377, 13.3051, 13.2429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4989, 13.9970, 11.5468 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(89, 110, 89) looks like.

```
.text, #text, p{  
    color:rgb(89, 110, 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(89, 110, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 110, 89) }
```

Border

The CSS property to change the border of an element to XYZ 11.4989, 13.9970, 11.5468 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(89, 110, 89) }
```


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

```
.border{ border-color:rgb(89, 110, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 110, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 110, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 110, 89);  
box-shadow:4px 4px 4px 4px rgb(89, 110,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4989, 13.9970, 11.5468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 110, 89) }
```

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

```
.background{ background-color: rgb(89, 110,  
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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