

Converting Colors

XYZ(14.6346, 17.0743, 17.2104)

Have a look what the booklet for
XYZ(14.6346, 17.0743, 17.2104)
contains.

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Color

**XYZ(14.5569, 16.9721,
17.2606)**

Conversions

Conversions Part 1

Format	Color
Hex	63776E
RGB	99, 119, 110
RGB Percent	39%, 47%, 43%
CMY	0.6118, 0.5333, 0.5686
CMYK	0.17, 0.00, 0.08, 0.53
HSL	153°, 9%, 43%
HSV	153°, 17%, 47%
XYZ	14.5569, 16.9721, 17.2606
YIQ	111.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

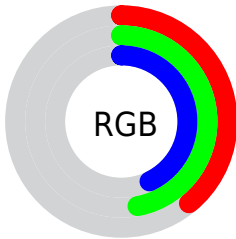
Format	Color
R_{YB}	99, 112, 119
Decimal	6518638
CIE Lab	48.22, -9.32, 2.49
CIE LCh	48, 9.644, 165.034
Yxy	16.9721, 0.2984, 0.3479
Android (android.graphics.Color)	4284708718 (0xFF63776E)
YUV	111.9940, -0.9830, -11.3957
Hunter-Lab	41.1972, -9.0227, 3.9970

Details

The XYZ color **14.5569, 16.9721, 17.2606** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7770, 13.9288, 16.0978**, and the grayscale version is **15.4044, 16.2066, 17.6490**.

A 20% lighter version of the original color is **33.6622, 38.2185, 39.7851**, and **4.5666, 5.5954, 5.5420** is the 20% darker color. If you saturate the color by 10%, you get **13.0686, 16.2380, 15.7147**, and if you desaturate by 10%, it is **16.2554, 17.8134, 18.9091**.

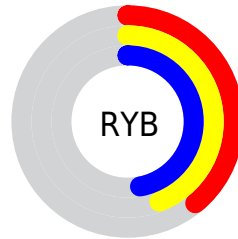
Distribution



Red (39%)

Green (47%)

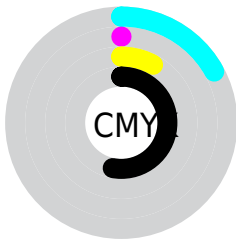
Blue (43%)



Red (39%)

Yellow (44%)

Blue (47%)

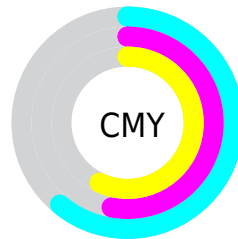


Cyan (17%)

Magenta (0%)

Yellow (8%)

Black (53%)



Cyan (61%)

Magenta (53%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5569, 16.9721, 17.2606 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 14.5569, 16.9721, 17.2606 by changing the saturation by 10% instead.

■ 14.5569, 16.9721,
17.2606

■ 14.5569, 16.9721,
17.2606

214.1103,
235.0116, 248.7643

■ 8.5933, 10.2146,
10.2565

■ 33.6520, 38.2778,
39.5701

■ 4.5318, 5.5415,
5.4616

■ 47.5143, 53.5948,
55.7126

■ 2.0072, 2.5683,
2.4571

■ 64.7401, 72.5337,
75.7383

■ 0.6380, 0.9108,
0.8173

■ 85.6948, 95.4790,
100.0658

■ 0.0000, 0.0000,
0.0000

110.7439,
122.8151, 129.1136

140.2526,

154.9262, 163.3003

174.5863,
192.1969, 203.0443

■ 14.5569, 16.9721,
17.2606

■ 14.5569, 16.9721,
17.2606

■ 13.0686, 16.2380,
15.7147

■ 16.2554, 17.8134,
18.9091

■ 11.7805, 15.6047,
14.2682

■ 18.1707, 18.7641,
20.6609

■ 10.6837, 15.0679,
12.9195

■ 20.3112, 19.8286,
22.5185

■ 9.7681, 14.6227,
11.6663

■ 22.6840, 21.0108,
24.4835

■ 9.0228, 14.2634,
10.5064

■ 25.2963, 22.3143,
26.5578

■ 8.4355, 13.9837,
9.4373

■ 28.1545, 23.7423,
28.7431

■ 7.9922, 13.7764,
8.4566

■ 31.2652, 25.2983,
31.0412

■ 7.6625, 13.6259,
7.5610

■ 34.6345, 26.9854,
33.4537

■ 7.5643, 13.5811,
7.2918

■ 38.2684, 28.8065,
35.9822

Harmonies

Analogous

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



14.9678, 16.9721, 15.2732



14.5569, 16.9721, 17.2606



14.5574, 16.9721, 19.7607

Triad

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



14.5569, 16.9721, 17.2606



16.5728, 16.9721, 23.5462



17.3525, 16.9721, 15.2697

Complementary

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



14.5569, 16.9721, 17.2606



14.7770, 13.9288, 16.0978

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.



17.8151, 16.9721, 17.2554



14.5569, 16.9721, 17.2606



17.3540, 16.9721, 22.1063

Square

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



14.5569, 16.9721, 17.2606



15.7000, 16.9721, 23.5479



17.8157, 16.9721, 19.7550



16.5708, 16.9721, 14.1965

Rectangle

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



14.5569, 16.9721, 17.2606



14.7900, 16.9721, 21.3925



17.8157, 16.9721, 19.7550



17.5517, 16.9721, 15.8442

Sweetspot

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



14.5574, 16.9728, 17.2610



29.6563, 32.1695, 34.3734



15.0745, 17.3044, 14.3502



6.9839, 7.6019, 8.1048



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.5574, 16.9728, 17.2610



25.0377, 29.8836, 29.8625



14.9937, 17.0208, 19.9487



3.7170, 4.1288, 4.3437



8.0313, 14.4265, 7.7211



38.7011, 70.1277, 35.3267

Inverse Universe

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



14.7770, 13.9288, 16.0978



25.5057, 23.3967, 27.3842



14.3857, 13.8737, 13.7243



3.7461, 3.7257, 4.1897



8.7744, 4.4435, 4.0204



42.3392, 21.4858, 17.3813

Previews

White Background



This preview shows how the XYZ color 14.5569, 16.9721, 17.2606 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 14.5569, 16.9721, 17.2606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

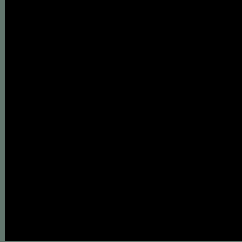
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

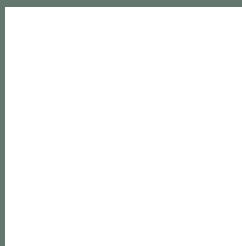
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5569, 16.9721, 17.2606

Background



This preview shows how black text looks on a background with the XYZ color 14.5569, 16.9721, 17.2606.



This preview shows how white text looks on a background with the XYZ color 14.5569, 16.9721,

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

14.5569, 16.9721, 17.2606

Protanopia

16.1424, 16.9477, 16.3304

Deuteranopia

17.1047, 16.7573, 17.6622



Tritanopia

15.6067, 17.0537, 22.2078

Trichromacy



Original Color

14.5569, 16.9721, 17.2606

Protanomaly

15.5077, 16.9530, 16.6423

Deuteranomaly

15.9768, 16.6710, 17.4147

Tritanomaly

15.2354, 17.0796, 20.2630

Monochromacy



Original Color

14.5569, 16.9721, 17.2606

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.0634, 16.5350, 17.4366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5569, 16.9721, 17.2606 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(99, 119, 110)` looks like.

```
.text, #text, p{  
    color:rgb(99, 119, 110)  
}
```

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(99, 119, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 119, 110) }
```

Border

The CSS property to change the border of an element to XYZ 14.5569, 16.9721, 17.2606 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(99, 119, 110) }
```


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

```
.border{ border-color:rgb(99, 119, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 119, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 119, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 119, 110);  
box-shadow:4px 4px 4px 4px rgb(99, 119,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5569, 16.9721, 17.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 119, 110) }
```

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

```
.background{ background-color: rgb(99, 119,  
110) }
```

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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