

Converting Colors

XYZ(17.6510, 21.0494, 15.8650)

Have a look what the booklet for
XYZ(17.6510, 21.0494, 15.8650)
contains.

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Color

**XYZ(17.6389, 21.0592,
15.9671)**

Conversions

Conversions Part 1

Format	Color
Hex	728467
RGB	114, 132, 103
RGB Percent	45%, 52%, 40%
CMY	0.5529, 0.4823, 0.5961
CMYK	0.14, 0.00, 0.22, 0.48
HSL	97°, 12%, 46%
HSV	97°, 22%, 52%
XYZ	17.6389, 21.0592, 15.9671
YIQ	123.3120, -1.4190, -12.8350

Conversions

Conversions Part 2

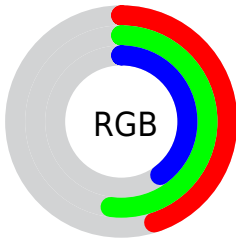
Format	Color
RYB	103, 132, 121
Decimal	7504999
CIELab	53.01, -12.28, 13.52
CIElCh	53, 18.264, 132.234
Yxy	21.0592, 0.3227, 0.3852
Android (android.graphics.Color)	4285695079 (0xFF728467)
YUV	123.3120, -10.0138, -8.1666
Hunter-Lab	45.8903, -11.6978, 11.4938

Details

The XYZ color **17.6389, 21.0592, 15.9671** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.9010, 15.4319, 23.9188**, and the grayscale version is **18.9627, 19.9502, 21.7258**.

A 20% lighter version of the original color is **38.9076, 45.1380, 37.2337**, and **6.0538, 7.6303, 4.8951** is the 20% darker color. If you saturate the color by 10%, you get **16.0096, 20.2905, 12.7011**, and if you desaturate by 10%, it is **19.4694, 21.9208, 19.7895**.

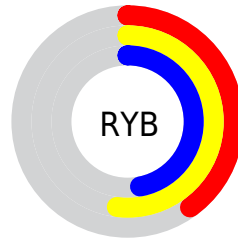
Distribution



Red (45%)

Green (52%)

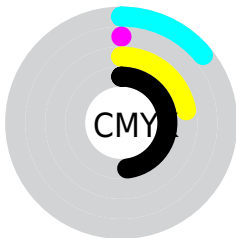
Blue (40%)



Red (40%)

Yellow (52%)

Blue (47%)

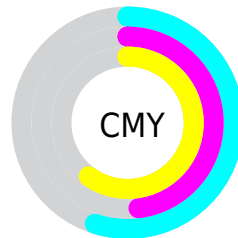


Cyan (14%)

Magenta (0%)

Yellow (22%)

Black (48%)



Cyan (55%)

Magenta (48%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6389, 21.0592, 15.9671 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 17.6389, 21.0592, 15.9671 by changing the saturation by 10% instead.

■ 17.6389, 21.0592,
15.9671

■ 17.6389, 21.0592,
15.9671

231.9129,
257.5929, 240.9866

■ 10.7892, 13.1673,
9.3468

■ 38.9560, 45.1860,
37.3071

■ 5.9915, 7.5438,
4.8682

■ 54.1540, 62.1897,
52.8638

■ 2.8805, 3.8045,
2.1127

■ 72.8656, 82.9995,
72.2364

■ 1.0909, 1.5648,
0.6233

■ 95.4559, 107.9997,
95.8434

■ 0.0175, 0.3337,
0.0000

122.2905,
137.5748, 124.1034

■ 0.0000, 0.0000,
0.0000

153.7346,

172.1091, 157.4349

190.1536,
211.9870, 196.2565

■ 17.6389, 21.0592,
15.9671

■ 17.6389, 21.0592,
15.9671

■ 16.0096, 20.2905,
12.7011

■ 19.4694, 21.9208,
19.7895

■ 14.5726, 19.6088,
9.9643

■ 21.5065, 22.8756,
24.1911

■ 13.3203, 19.0114,
7.7290

■ 23.7573, 23.9275,
29.1951

■ 12.2445, 18.4947,
5.9648

■ 26.2281, 25.0793,
34.8232

■ 11.3357, 18.0546,
4.6377

■ 28.9251, 26.3336,
41.0958

■ 10.5838, 17.6868,
3.7093

■ 31.8539, 27.6929,
48.0324

■ 9.9769, 17.3860,
3.1346

■ 35.0201, 29.1598,
55.6517

■ 9.5703, 17.1831,
2.8123

■ 38.4292, 30.7366,
63.9719

■ 42.0863, 32.4257,
73.0100

Harmonies

Analogous

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



19.2450, 21.0592, 14.0816



17.6389, 21.0592, 15.9671



16.7065, 21.0592, 19.8568

Triad

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



17.6389, 21.0592, 15.9671



18.9122, 21.0592, 34.5263



23.8397, 21.0592, 20.7644

Complementary

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



17.6389, 21.0592, 15.9671



16.9010, 15.4319, 23.9188

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.



23.7363, 21.0592, 26.3048



17.6389, 21.0592, 15.9671



20.8076, 21.0592, 34.8739

Square

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



17.6389, 21.0592, 15.9671



17.4087, 21.0592, 30.7844



22.5979, 21.0592, 31.6695



22.8718, 21.0592, 16.5398

Rectangle

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



17.6389, 21.0592, 15.9671



16.5536, 21.0592, 23.3440



22.5979, 21.0592, 31.6695



23.9307, 21.0592, 22.5207

Sweetspot

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



17.6395, 21.0601, 15.9676



35.9748, 39.4002, 38.4600



18.7879, 19.5320, 15.6121



8.3373, 9.1552, 8.8715



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.6395, 21.0601, 15.9676



29.7039, 36.4510, 25.3543



16.4669, 20.4356, 16.8173



4.7709, 5.2845, 4.9979



9.2716, 16.6397, 2.7231



0.0398, 0.0616, 0.0098

Inverse Universe

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



16.9010, 15.4319, 23.9188



28.1790, 24.8364, 41.7619



18.3037, 16.1814, 22.7951



4.6913, 4.6770, 5.8562



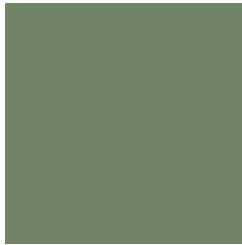
7.4024, 3.3502, 21.3932



0.0338, 0.0158, 0.0745

Previews

White Background



This preview shows how the XYZ color 17.6389, 21.0592, 15.9671 looks on a white background.

Color Contrast Check

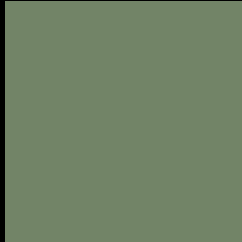
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.6389, 21.0592, 15.9671 looks on a black 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

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

XYZ 17.6389, 21.0592, 15.9671

Background



This preview shows how black text looks on a background with the XYZ color 17.6389, 21.0592, 15.9671.



This preview shows how white text looks on a background with the XYZ color 17.6389, 21.0592,

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

17.6389, 21.0592, 15.9671

Protanopia

19.5926, 20.9101, 15.0600

Deuteranopia

21.2412, 20.8057, 16.2610



Tritanopia

19.7125, 20.9068, 26.6634

Trichromacy



Original Color

17.6389, 21.0592, 15.9671

Protanomaly

18.8205, 20.8900, 15.3521

Deuteranomaly

19.6638, 20.7350, 16.0626

Tritanomaly

18.8880, 20.9631, 22.4528

Monochromacy



Original Color

17.6389, 21.0592, 15.9671

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.3590, 20.1757, 19.4497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6389, 21.0592, 15.9671 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(114, 132, 103)` looks like.

```
.text, #text, p{  
    color:rgb(114, 132, 103)  
}
```

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(114, 132, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 132, 103) }
```

Border

The CSS property to change the border of an element to XYZ 17.6389, 21.0592, 15.9671 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(114, 132, 103) }
```


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

```
.border{ border-color:rgb(114, 132, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 132, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 132, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 132, 103);  
box-shadow:4px 4px 4px 4px rgb(114, 132,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6389, 21.0592, 15.9671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 132, 103) }
```

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

```
.background{ background-color: rgb(114,  
132, 103) }
```

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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