

Converting Colors

XYZ(17.4659, 14.0715, 21.0754)

Have a look what the booklet for
XYZ(17.4659, 14.0715, 21.0754)
contains.

XYZ(17.5961, 14.1971, 21.2149)	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(17.5961, 14.1971,
21.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	885B7D
RGB	136, 91, 125
RGB Percent	53%, 36%, 49%
CMY	0.4667, 0.6431, 0.5098
CMYK	0.00, 0.33, 0.08, 0.47
HSL	315°, 20%, 45%
HSV	315°, 33%, 53%
XYZ	17.5961, 14.1971, 21.2149
YIQ	108.3310, 15.9060, 20.1140

Conversions

Conversions Part 2

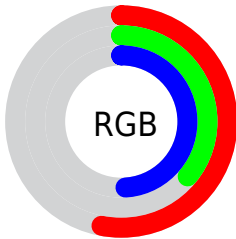
Format	Color
R_{YB}	136, 91, 125
Decimal	8936317
CIE _{Lab}	44.51, 24.13, -11.61
CIE _{LCh}	45, 26.779, 334.304
Yxy	14.1971, 0.3320, 0.2678
Android (android.graphics.Color)	4287126397 (0xFF885B7D)
YUV	108.3310, 8.2178, 24.2657
Hunter-Lab	37.6790, 17.4211, -7.0075

Details

The XYZ color **17.5961, 14.1971, 21.2149** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.5174, 20.7922, 15.7668**, and the grayscale version is **14.3217, 15.0675, 16.4086**.

A 20% lighter version of the original color is **38.9441, 33.5075, 46.5345**, and **5.9515, 4.2545, 7.3450** is the 20% darker color. If you saturate the color by 10%, you get **16.3284, 11.9958, 19.7620**, and if you desaturate by 10%, it is **19.0825, 16.8240, 22.7761**.

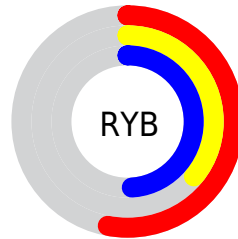
Distribution



Red (53%)

Green (36%)

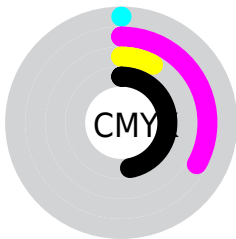
Blue (49%)



Red (53%)

Yellow (36%)

Blue (49%)

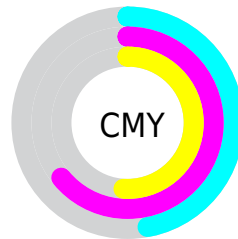


Cyan (0%)

Magenta (33%)

Yellow (8%)

Black (47%)



Cyan (47%)

Magenta (64%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5961, 14.1971, 21.2149 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 17.5961, 14.1971, 21.2149 by changing the saturation by 10% instead.

■ 17.5961, 14.1971,
21.2149

■ 17.5961, 14.1971,
21.2149

231.6744,
218.4536, 271.2368

■ 10.7583, 8.2579,
13.0884

■ 38.8834, 33.4383,
46.3303

■ 5.9707, 4.2604,
7.3580

■ 54.0636, 47.5092,
64.1564

■ 2.8677, 1.8203,
3.6052

■ 72.7553, 65.0593,
86.0526

■ 1.0842, 0.4998,
1.4113

■ 95.3240, 86.4731,
112.4377

■ 0.0118, 0.0000,
0.1505

122.1348,
112.1351, 143.7301

■ 0.0000, 0.0000,
0.0000

153.5533,

142.4296, 180.3484

189.9447,
177.7409, 222.7112

■ 17.5961, 14.1971,
21.2149

■ 17.5961, 14.1971,
21.2149

■ 16.3284, 11.9958,
19.7620

■ 19.0825, 16.8240,
22.7761

■ 15.2667, 10.1953,
18.4124

■ 20.7968, 19.8955,
24.4485

■ 14.3988, 8.7713,
17.1617

■ 22.7495, 23.4322,
26.2361

■ 13.7108, 7.6961,
16.0051

■ 24.9498, 27.4524,
28.1424

■ 13.1868, 6.9380,
14.9369

■ 27.4065, 31.9736,
30.1705

■ 12.8080, 6.4594,
13.9504

■ 30.1281, 37.0125,
32.3236

■ 12.5893, 6.2086,
13.3020

■ 33.1223, 42.5849,
34.6046

■ 36.3970, 48.7060,
37.0164

■ 39.9594, 55.3903,
39.5618

Harmonies

Analogous

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



15.9743, 14.1971, 27.5225



17.5961, 14.1971, 21.2149



18.0770, 14.1971, 14.5821

Triad

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



17.5961, 14.1971, 21.2149



13.1844, 14.1971, 6.3678



10.3437, 14.1971, 23.1834

Complementary

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



17.5961, 14.1971, 21.2149



15.5174, 20.7922, 15.7668

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.



9.7594, 14.1971, 16.3687



17.5961, 14.1971, 21.2149



11.2846, 14.1971, 7.5632

Square

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



17.5961, 14.1971, 21.2149



15.3774, 14.1971, 7.0221



10.0847, 14.1971, 10.8503



11.7709, 14.1971, 28.8556

Rectangle

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



17.5961, 14.1971, 21.2149



17.6471, 14.1971, 11.0587



10.0847, 14.1971, 10.8503



10.0495, 14.1971, 20.8927

Sweetspot

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



17.5965, 14.1977, 21.2152



37.5934, 36.7644, 43.9679



13.6087, 12.0562, 24.9026



8.6121, 8.3442, 10.0948



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.5965, 14.1977, 21.2152



29.2389, 21.9383, 35.3783



16.3431, 13.6964, 14.6150



5.1825, 5.1084, 6.0494



11.9190, 5.8777, 12.6097



0.0849, 0.0414, 0.1142

Inverse Universe

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



17.5965, 14.1977, 21.2152



29.2389, 21.9383, 35.3783



16.7572, 21.2881, 22.2951



5.1825, 5.1084, 6.0494



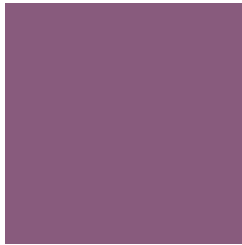
11.9190, 5.8777, 12.6097



0.0849, 0.0414, 0.1142

Previews

White Background



This preview shows how the XYZ color 17.5961, 14.1971, 21.2149 looks on a white background.

Color Contrast Check

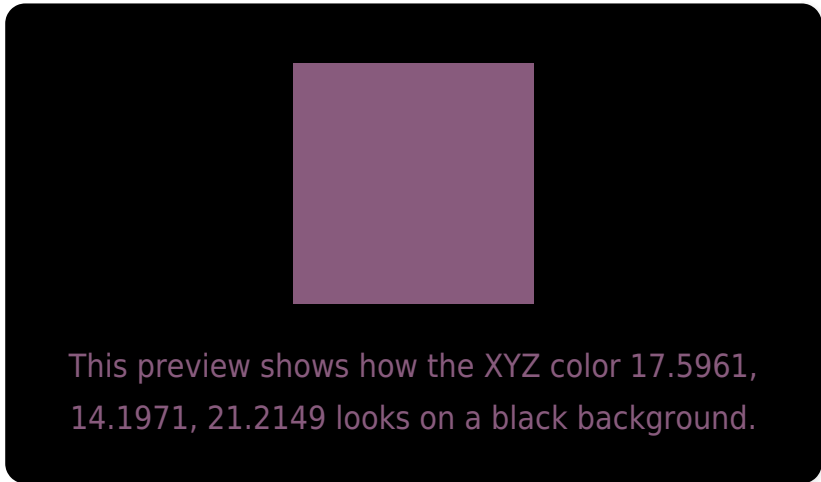
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5961, 14.1971, 21.2149

Background



This preview shows how black text looks on a background with the XYZ color 17.5961, 14.1971, 21.2149.



This preview shows how white text looks on a background with the XYZ color 17.5961, 14.1971,

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

17.5961, 14.1971, 21.2149

Protanopia

14.2904, 14.2185, 24.5455

Deuteranopia

14.6097, 14.3187, 20.7327



Tritanopia

16.2133, 14.1502, 14.7087

Trichromacy



Original Color

17.5961, 14.1971, 21.2149

Protanomaly

15.2407, 14.0071, 23.3731

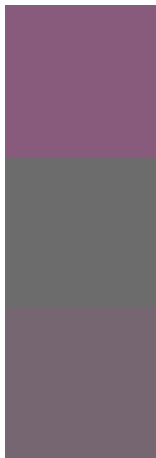
Deuteranomaly

15.5711, 14.2305, 20.9948

Tritanomaly

16.7035, 14.2214, 16.9036

Monochromacy



Original Color

17.5961, 14.1971, 21.2149

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.2598, 14.5692, 17.9274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5961, 14.1971, 21.2149 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(136, 91, 125)` looks like.

```
.text, #text, p{  
    color:rgb(136, 91, 125)  
}
```

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(136, 91, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 91, 125) }
```

Border

The CSS property to change the border of an element to XYZ 17.5961, 14.1971, 21.2149 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(136, 91, 125) }
```


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

```
.border{ border-color:rgb(136, 91, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 91, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 91, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 91, 125);  
box-shadow:4px 4px 4px 4px rgb(136, 91,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5961, 14.1971, 21.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 91, 125) }
```

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

```
.background{ background-color: rgb(136, 91,  
125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor