

Converting Colors

XYZ(17.8009, 14.9181, 21.8197)

Have a look what the booklet for
XYZ(17.8009, 14.9181, 21.8197)
contains.

XYZ(17.7803, 14.9404, 21.6853)	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(17.7803, 14.9404,
21.6853)**

Conversions

Conversions Part 1

Format	Color
Hex	86607E
RGB	134, 96, 126
RGB Percent	53%, 38%, 49%
CMY	0.4745, 0.6235, 0.5059
CMYK	0.00, 0.28, 0.06, 0.47
HSL	313°, 17%, 45%
HSV	313°, 28%, 53%
XYZ	17.7803, 14.9404, 21.6853
YIQ	110.7820, 13.0180, 17.3860

Conversions

Conversions Part 2

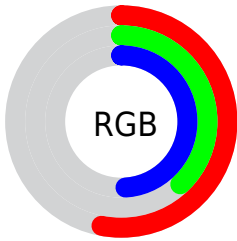
Format	Color
R_{YB}	134, 96, 126
Decimal	8806526
CIE _{Lab}	45.55, 20.65, -10.67
CIE _{LCh}	46, 23.242, 332.666
Yxy	14.9404, 0.3268, 0.2746
Android (android.graphics.Color)	4286996606 (0xFF86607E)
YUV	110.7820, 7.5025, 20.3622
Hunter-Lab	38.6528, 14.4676, -6.2064

Details

The XYZ color **17.7803, 14.9404, 21.6853** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.8483, 20.5370, 16.2264**, and the grayscale version is **15.0230, 15.8053, 17.2120**.

A 20% lighter version of the original color is **39.3094, 34.8135, 47.2957**, and **6.0940, 4.6173, 7.5912** is the 20% darker color. If you saturate the color by 10%, you get **16.4810, 12.6289, 20.3667**, and if you desaturate by 10%, it is **19.2940, 17.6721, 23.1010**.

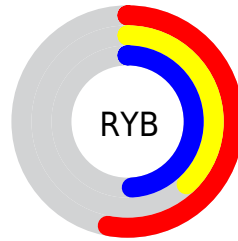
Distribution



Red (53%)

Green (38%)

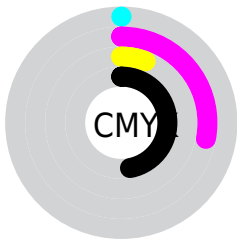
Blue (49%)



Red (53%)

Yellow (38%)

Blue (49%)

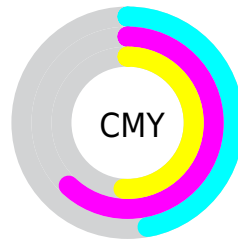


Cyan (0%)

Magenta (28%)

Yellow (6%)

Black (47%)



Cyan (47%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7803, 14.9404, 21.6853 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 17.7803, 14.9404, 21.6853 by changing the saturation by 10% instead.

■ 17.7803, 14.9404,
21.6853

■ 17.7803, 14.9404,
21.6853

232.6994,
223.0052, 273.7981

■ 10.8911, 8.7776,
13.4297

■ 39.1956, 34.7486,
47.1208

■ 6.0604, 4.5964,
7.5909

■ 54.4525, 49.1627,
65.1379

■ 2.9229, 2.0125,
3.7503

■ 73.2292, 67.0961,
87.2458

■ 1.1131, 0.6147,
1.4894

■ 95.8913, 88.9331,
113.8632

■ 0.0360, 0.0000,
0.2100

122.8040,
115.0581, 145.4086

■ 0.0000, 0.0000,
0.0000

154.3326,

145.8555, 182.3005

190.8427,
181.7098, 224.9575

■ 17.7803, 14.9404,
21.6853

■ 17.7803, 14.9404,
21.6853

■ 16.4810, 12.6289,
20.3667

■ 19.2940, 17.6721,
23.1010

■ 15.3842, 10.7144,
19.1406

■ 21.0307, 20.8417,
24.6165

■ 14.4788, 9.1747,
18.0032

■ 23.0001, 24.4683,
26.2352

■ 13.7521, 7.9843,
16.9501

■ 25.2108, 28.5691,
27.9603

■ 13.1898, 7.1147,
15.9763

■ 27.6710, 33.1607,
29.7948

■ 12.7753, 6.5330,
15.0760

■ 30.3888, 38.2586,
31.7414

■ 12.4702, 6.1621,
14.2363

■ 33.3715, 43.8779,
33.8028

■ 12.4221, 6.1046,
14.1013

■ 36.6264, 50.0329,
35.9817

■ 40.1605, 56.7373,
38.2805

Harmonies

Analogous

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



16.3114, 14.9404, 27.0257



17.7803, 14.9404, 21.6853



18.2640, 14.9404, 15.7755

Triad

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



17.7803, 14.9404, 21.6853



14.0275, 14.9404, 7.7565



11.2847, 14.9404, 22.7450

Complementary

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



17.7803, 14.9404, 21.6853



15.8483, 20.5370, 16.2264

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.



10.7892, 14.9404, 16.7697



17.7803, 14.9404, 21.6853



12.2799, 14.9404, 8.8270

Square

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



17.7803, 14.9404, 21.6853



15.9839, 14.9404, 8.5004



11.1365, 14.9404, 11.8369



12.5548, 14.9404, 27.7290

Rectangle

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



17.7803, 14.9404, 21.6853



17.9300, 14.9404, 12.4867



11.1365, 14.9404, 11.8369



11.0276, 14.9404, 20.7436

Sweetspot

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



17.7808, 14.9411, 21.6856



36.7804, 36.2200, 43.1395



14.1492, 13.0069, 24.3195



8.1953, 7.9934, 9.6413



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.



17.7808, 14.9411, 21.6856



29.8216, 23.6377, 36.7029



16.6899, 14.5047, 15.9412



4.8170, 4.7465, 5.6487



11.6451, 5.7224, 13.2355



0.0429, 0.0209, 0.0596

Inverse Universe

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



17.7808, 14.9411, 21.6856



29.8216, 23.6377, 36.7029



16.8997, 20.9575, 21.7629



4.8170, 4.7465, 5.6487



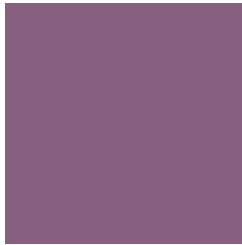
11.6451, 5.7224, 13.2355



0.0429, 0.0209, 0.0596

Previews

White Background



This preview shows how the XYZ color 17.7803, 14.9404, 21.6853 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 17.7803, 14.9404, 21.6853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

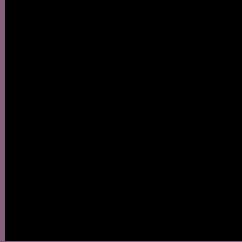
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7803, 14.9404, 21.6853

Background



This preview shows how black text looks on a background with the XYZ color 17.7803, 14.9404, 21.6853.



This preview shows how white text looks on a background with the XYZ color 17.7803, 14.9404,

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

17.7803, 14.9404, 21.6853

Protanopia

15.0403, 15.0614, 24.6687

Deuteranopia

15.2452, 14.9379, 21.1486



Tritanopia

16.6314, 14.8908, 15.9076

Trichromacy



Original Color

17.7803, 14.9404, 21.6853

Protanomaly

15.8864, 14.9166, 23.5146

Deuteranomaly

16.0608, 14.9053, 21.4326

Tritanomaly

17.0778, 14.9368, 17.9026

Monochromacy



Original Color

17.7803, 14.9404, 21.6853

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.9142, 15.4910, 18.6743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7803, 14.9404, 21.6853 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(134, 96, 126)` looks like.

```
.text, #text, p{  
    color:rgb(134, 96, 126)  
}
```

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(134, 96, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 96, 126) }
```

Border

The CSS property to change the border of an element to XYZ 17.7803, 14.9404, 21.6853 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(134, 96, 126) }
```


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

```
.border{ border-color:rgb(134, 96, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 96, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 96, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 96, 126);  
box-shadow:4px 4px 4px 4px rgb(134, 96,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7803, 14.9404, 21.6853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 96, 126) }
```

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

```
.background{ background-color: rgb(134, 96,  
126) }
```

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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