

Converting Colors

XYZ(21.7847, 17.0710, 25.0685)

Have a look what the booklet for
XYZ(21.7847, 17.0710, 25.0685)
contains.

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Color

**XYZ(21.7847, 17.0710,
25.0685)**

Conversions

Conversions Part 1

Format	Color
Hex	996187
RGB	153, 97, 135
RGB Percent	60%, 38%, 53%
CMY	0.4000, 0.6196, 0.4706
CMYK	0.00, 0.37, 0.12, 0.40
HSL	319°, 22%, 49%
HSV	319°, 37%, 60%
XYZ	21.7847, 17.0710, 25.0685
YIQ	118.0760, 21.1780, 23.6900

Conversions

Conversions Part 2

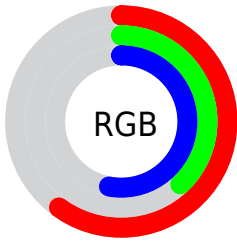
Format	Color
R_{YB}	153, 97, 135
Decimal	10051975
CIE _{Lab}	48.35, 28.62, -11.63
CIE _{LCh}	48, 30.896, 337.882
Yxy	17.0710, 0.3408, 0.2671
Android (android.graphics.Color)	4288242055 (0xFF996187)
YUV	118.0760, 8.3435, 30.6283
Hunter-Lab	41.3171, 21.8105, -7.0514

Details

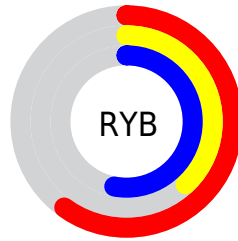
The XYZ color **21.7847, 17.0710, 25.0685** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.4162, 26.5621, 20.3245**, and the grayscale version is **17.2142, 18.1107, 19.7226**.

A 20% lighter version of the original color is **45.8370, 38.5356, 52.5992**, and **8.1048, 5.6192, 9.2518** is the 20% darker color. If you saturate the color by 10%, you get **20.1668, 14.3763, 22.8601**, and if you desaturate by 10%, it is **23.6923, 20.3190, 27.4528**.

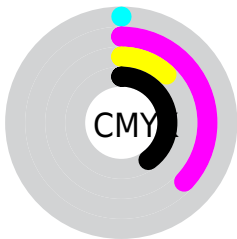
Distribution



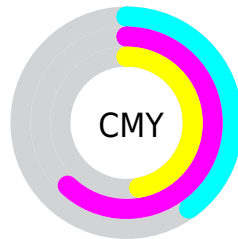
- Red (60%)
- Green (38%)
- Blue (53%)



- Red (60%)
- Yellow (38%)
- Blue (53%)



- Cyan (0%)
- Magenta (37%)
- Yellow (12%)
- Black (40%)



- Cyan (40%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7847, 17.0710, 25.0685 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 21.7847, 17.0710, 25.0685 by changing the saturation by 10% instead.

■ 21.7847, 17.0710,
25.0685

■ 21.7847, 17.0710,
25.0685

254.0734,
235.5812, 291.6375

■ 13.8145, 10.2851,
15.9086

■ 45.8714, 38.4478,
52.7338

■ 8.0726, 5.5884,
9.3059

■ 62.7186, 53.8075,
72.0763

■ 4.1936, 2.5965,
4.8417

■ 83.2555, 72.7940,
95.6502

■ 1.8123, 0.9249,
2.0976

■ 107.8476, 95.7916,
123.8738

■ 0.5250, 0.0000,
0.6143

136.8600,
123.1847, 157.1658

■ 0.0000, 0.0000,
0.0000

170.6582,

155.3578, 195.9447

209.6076,
192.6951, 240.6291

■ 21.7847, 17.0710,
25.0685

■ 21.7847, 17.0710,
25.0685

■ 20.1668, 14.3763,
22.8601

■ 23.6923, 20.3190,
27.4528

■ 18.8210, 12.2010,
20.8202

■ 25.9028, 24.1469,
30.0177

■ 17.7304, 10.5111,
18.9421

■ 28.4303, 28.5826,
32.7694


■ 16.8753, 9.2676,
17.2182

■ 31.2876, 33.6514,
35.7129

■ 16.2329, 8.4254,
15.6398

■ 34.4868, 39.3770,
38.8534


 15.7686, 7.9154,
14.1942

 38.0394, 45.7822,
42.1956

 15.6264, 7.7681,
13.7243

 41.9563, 52.8884,
45.7440

 46.2478, 60.7161,
49.5032

 50.9241, 69.2852,
53.4772

Harmonies

Analogous

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



19.7877, 17.0710, 33.7348



21.7847, 17.0710, 25.0685



22.2107, 17.0710, 16.5382

Triad

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



21.7847, 17.0710, 25.0685



15.4932, 17.0710, 7.0586



12.3112, 17.0710, 29.8458

Complementary

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



21.7847, 17.0710, 25.0685



19.4162, 26.5621, 20.3245

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.



11.4255, 17.0710, 20.7993



21.7847, 17.0710, 25.0685



13.1186, 17.0710, 8.8277

Square

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



21.7847, 17.0710, 25.0685



18.3538, 17.0710, 7.5939



11.7029, 17.0710, 13.3324



14.2684, 17.0710, 37.0034

Rectangle

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



21.7847, 17.0710, 25.0685



21.5055, 17.0710, 12.2302



11.7029, 17.0710, 13.3324



11.8892, 17.0710, 26.8361

Sweetspot

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



21.7852, 17.0718, 25.0689



48.7527, 47.3809, 56.3679



17.0605, 14.4771, 32.0323



10.6434, 10.2488, 12.3140



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.7852, 17.0718, 25.0689



36.5817, 26.5127, 41.6018



20.0801, 16.3897, 16.0898



6.3767, 6.2898, 7.3638



12.9306, 6.4265, 11.4253



0.2097, 0.1026, 0.2572

Inverse Universe

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



21.7852, 17.0718, 25.0689



36.5817, 26.5127, 41.6018



21.2593, 27.2993, 30.0300



6.3767, 6.2898, 7.3638



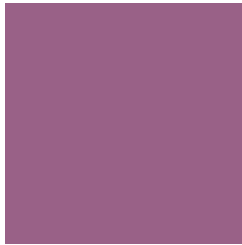
12.9306, 6.4265, 11.4253



0.2097, 0.1026, 0.2572

Previews

White Background



This preview shows how the XYZ color 21.7847, 17.0710, 25.0685 looks on a white background.

Color Contrast Check

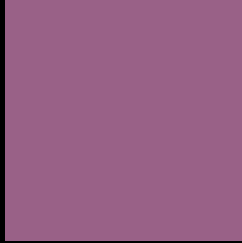
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7847, 17.0710, 25.0685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

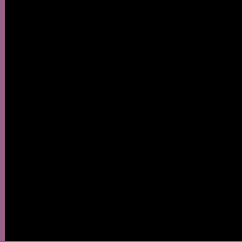
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.7847, 17.0710, 25.0685

Background



This preview shows how black text looks on a background with the XYZ color 21.7847, 17.0710, 25.0685.



This preview shows how white text looks on a background with the XYZ color 21.7847, 17.0710,

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

21.7847, 17.0710, 25.0685

Protanopia

17.3472, 17.2670, 30.0223

Deuteranopia

17.4302, 17.1058, 24.2129



Tritanopia

20.1435, 17.1126, 16.9932

Trichromacy



Original Color

21.7847, 17.0710, 25.0685

Protanomaly

18.6327, 16.9934, 28.2846

Deuteranomaly

18.8514, 17.0341, 24.4846

Tritanomaly

20.6494, 17.0256, 19.6507

Monochromacy



Original Color

21.7847, 17.0710, 25.0685

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.5741, 17.4324, 21.4546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7847, 17.0710, 25.0685 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(153, 97, 135)` looks like.

```
.text, #text, p{  
    color:rgb(153, 97, 135)  
}
```

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(153, 97, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 97, 135) }
```

Border

The CSS property to change the border of an element to XYZ 21.7847, 17.0710, 25.0685 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(153, 97, 135) }
```


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

```
.border{ border-color:rgb(153, 97, 135) }
```

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

Here you see how a box with a 4 pixel rgb(153, 97, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 97, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 97, 135);  
box-shadow:4px 4px 4px 4px rgb(153, 97,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7847, 17.0710, 25.0685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 97, 135) }
```

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

```
.background{ background-color: rgb(153, 97,  
135) }
```

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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