

Converting Colors

XYZ(21.0080, 17.6656, 24.3834)

Have a look what the booklet for
XYZ(21.0080, 17.6656, 24.3834)
contains.

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Color

**XYZ(21.0380, 17.7051,
24.4989)**

Conversions

Conversions Part 1

Format	Color
Hex	926885
RGB	146, 104, 133
RGB Percent	57%, 41%, 52%
CMY	0.4274, 0.5921, 0.4784
CMYK	0.00, 0.29, 0.09, 0.43
HSL	319°, 17%, 49%
HSV	319°, 29%, 57%
XYZ	21.0380, 17.7051, 24.4989
YIQ	119.8640, 15.7230, 17.9230

Conversions

Conversions Part 2

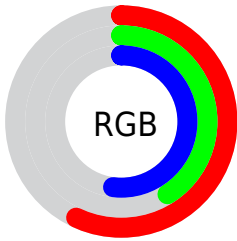
Format	Color
R_{YB}	146, 104, 133
Decimal	9595013
CIE _{Lab}	49.14, 21.69, -9.34
CIE _{LCh}	49, 23.618, 336.705
Yxy	17.7051, 0.3327, 0.2800
Android (android.graphics.Color)	4287785093 (0xFF926885)
YUV	119.8640, 6.4760, 22.9213
Hunter-Lab	42.0774, 15.6115, -5.0664

Details

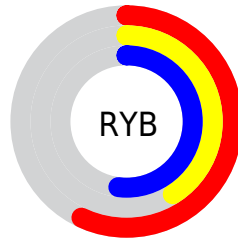
The XYZ color **21.0380, 17.7051, 24.4989** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.1994, 24.7857, 20.6029**, and the grayscale version is **17.7861, 18.7123, 20.3777**.

A 20% lighter version of the original color is **44.5708, 39.6015, 51.7491**, and **7.6948, 5.8858, 8.9141** is the 20% darker color. If you saturate the color by 10%, you get **19.3883, 14.8944, 22.4416**, and if you desaturate by 10%, it is **22.9567, 21.0317, 26.7125**.

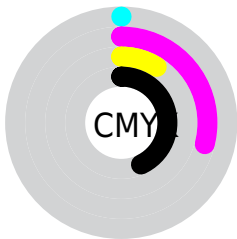
Distribution



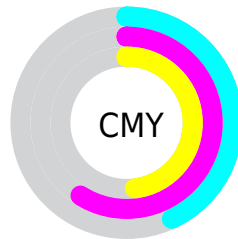
- Red (57%)
- Green (41%)
- Blue (52%)



- Red (57%)
- Yellow (41%)
- Blue (52%)



- Cyan (0%)
- Magenta (29%)
- Yellow (9%)
- Black (43%)



- Cyan (43%)
- Magenta (59%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0380, 17.7051, 24.4989 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 21.0380, 17.7051, 24.4989 by changing the saturation by 10% instead.

■ 21.0380, 17.7051,
24.4989

■ 21.0380, 17.7051,
24.4989

250.2083,
239.2035, 288.7005

■ 13.2644, 10.7385,
15.4885

■ 44.6416, 39.5342,
51.7971

■ 7.6891, 5.8913,
9.0125

■ 61.2022, 55.1654,
70.9220

■ 3.9468, 2.7791,
4.6524

■ 81.4227, 74.4537,
94.2555

■ 1.6721, 1.0175,
1.9897

■ 105.6682, 97.7833,
122.2161

■ 0.4387, 0.0000,
0.5489

134.3041,
125.5387, 155.2224

■ 0.0000, 0.0000,
0.0000

167.6959,

158.1043, 193.6928

206.2088,
195.8644, 238.0460

■ 21.0380, 17.7051,
24.4989

■ 21.0380, 17.7051,
24.4989

■ 19.3883, 14.8944,
22.4416

■ 22.9567, 21.0317,
26.7125

■ 17.9926, 12.5709,
20.5343

■ 25.1551, 24.8961,
29.0863

■ 16.8371, 10.7067,
18.7716

■ 27.6452, 29.3221,
31.6252

■ 15.9058, 9.2702,
17.1475

■ 30.4380, 34.3312,
34.3337

■ 15.1807, 8.2258,
15.6550

■ 33.5438, 39.9436,
37.2160

■ 14.6410, 7.5319,
14.2863

■ 36.9724, 46.1788,
40.2761

■ 14.2406, 7.0969,
13.0252

■ 40.7331, 53.0554,
43.5178

■ 14.1937, 7.0468,
12.8745

■ 44.8350, 60.5910,
46.9449

■ 49.2867, 68.8028,
50.5610

Harmonies

Analogous

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



19.4963, 17.7051, 30.7655



21.0380, 17.7051, 24.4989



21.4082, 17.7051, 17.8923

Triad

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



21.0380, 17.7051, 24.4989



16.3372, 17.7051, 9.5456



13.6478, 17.7051, 27.4996

Complementary

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



21.0380, 17.7051, 24.4989



19.1994, 24.7857, 20.6029

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.



12.9529, 17.7051, 20.7331



21.0380, 17.7051, 24.4989



14.4153, 17.7051, 11.0784

Square

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



21.0380, 17.7051, 24.4989



18.5641, 17.7051, 10.1255



13.2211, 17.7051, 14.8569



15.2039, 17.7051, 32.7459

Rectangle

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



21.0380, 17.7051, 24.4989



20.9143, 17.7051, 14.3122



13.2211, 17.7051, 14.8569



13.3123, 17.7051, 25.2766

Sweetspot

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



21.0385, 17.7059, 24.4993



44.2041, 43.6153, 51.1307



17.4219, 15.7312, 29.3125



9.7144, 9.4922, 11.2488



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.0385, 17.7059, 24.4993



35.0439, 27.6977, 40.6702



19.7520, 17.1913, 17.7244



5.9597, 5.8789, 6.8937



12.5007, 6.2053, 11.3834



0.1663, 0.0813, 0.2092

Inverse Universe

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



21.0385, 17.7059, 24.4993



35.0439, 27.6977, 40.6702



20.5469, 25.3247, 27.6989



5.9597, 5.8789, 6.8937



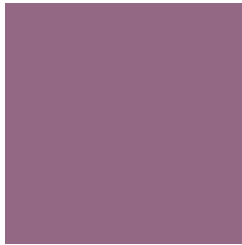
12.5007, 6.2053, 11.3834



0.1663, 0.0813, 0.2092

Previews

White Background



This preview shows how the XYZ color 21.0380, 17.7051, 24.4989 looks on a white background.

Color Contrast Check

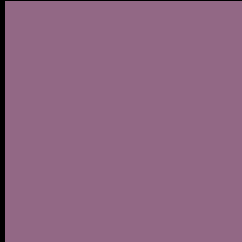
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0380, 17.7051, 24.4989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

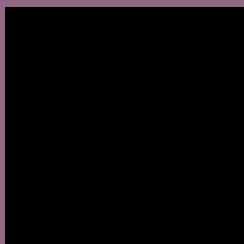
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0380, 17.7051, 24.4989

Background



This preview shows how black text looks on a background with the XYZ color 21.0380, 17.7051, 24.4989.



This preview shows how white text looks on a background with the XYZ color 21.0380, 17.7051,

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

21.0380, 17.7051, 24.4989

Protanopia

17.7352, 17.8586, 27.7116

Deuteranopia

18.1401, 17.8109, 23.9545



Tritanopia

19.8538, 17.6825, 18.5863

Trichromacy



Original Color

21.0380, 17.7051, 24.4989

Protanomaly

18.6938, 17.7084, 26.4776

Deuteranomaly

19.1009, 17.6431, 24.2285

Tritanomaly

20.3439, 17.7330, 20.7629

Monochromacy



Original Color

21.0380, 17.7051, 24.4989

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.7722, 18.1824, 21.9222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0380, 17.7051, 24.4989 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(146, 104, 133)` looks like.

```
.text, #text, p{  
    color:rgb(146, 104, 133)  
}
```

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(146, 104, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 104, 133) }
```

Border

The CSS property to change the border of an element to XYZ 21.0380, 17.7051, 24.4989 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(146, 104, 133) }
```


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

```
.border{ border-color:rgb(146, 104, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 104, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 104, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 104, 133);  
box-shadow:4px 4px 4px 4px rgb(146, 104,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0380, 17.7051, 24.4989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 104, 133) }
```

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

```
.background{ background-color: rgb(146,  
104, 133) }
```

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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