

Converting Colors

XYZ(20.7331, 17.9549, 26.7990)

Have a look what the booklet for
XYZ(20.7331, 17.9549, 26.7990)
contains.

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Color

**XYZ(20.7331, 17.9549,
26.7990)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6B8B
RGB	140, 107, 139
RGB Percent	55%, 42%, 55%
CMY	0.4510, 0.5804, 0.4549
CMYK	0.00, 0.24, 0.01, 0.45
HSL	302°, 13%, 48%
HSV	302°, 24%, 55%
XYZ	20.7331, 17.9549, 26.7990
YIQ	120.5150, 9.3960, 16.9480

Conversions

Conversions Part 2

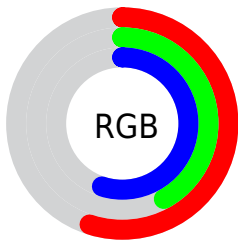
Format	Color
R_{YB}	140, 107, 139
Decimal	9202571
CIE _{Lab}	49.44, 18.91, -12.51
CIE _{LCh}	49, 22.673, 326.518
Yxy	17.9549, 0.3166, 0.2742
Android (android.graphics.Color)	4287392651 (0xFF8C6B8B)
YUV	120.5150, 9.1131, 17.0883
Hunter-Lab	42.3732, 13.1864, -7.8368

Details

The XYZ color **20.7331, 17.9549, 26.7990** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.1490, 22.9652, 17.6645**, and the grayscale version is **17.9876, 18.9244, 20.6087**.

A 20% lighter version of the original color is **44.2719, 40.1159, 55.8618**, and **7.4870, 5.9730, 10.2095** is the 20% darker color. If you saturate the color by 10%, you get **19.3593, 15.2565, 26.1886**, and if you desaturate by 10%, it is **22.3445, 21.1276, 27.4896**.

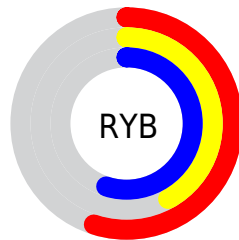
Distribution



Red (55%)

Green (42%)

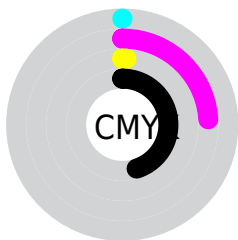
Blue (55%)



Red (55%)

Yellow (42%)

Blue (55%)

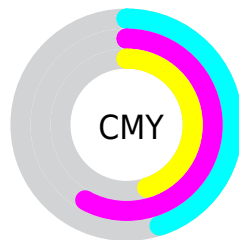


Cyan (0%)

Magenta (24%)

Yellow (1%)

Black (45%)



Cyan (45%)

Magenta (58%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7331, 17.9549, 26.7990 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 20.7331, 17.9549, 26.7990 by changing the saturation by 10% instead.

■ 20.7331, 17.9549,
26.7990

■ 20.7331, 17.9549,
26.7990

248.6153,
240.6167, 300.4119

■ 13.0404, 10.9176,
17.1912

■ 44.1375, 39.9605,
55.5610

■ 7.5336, 6.0115,
10.2075

■ 60.5800, 55.6975,
75.5522

■ 3.8472, 2.8521,
5.4294

■ 80.6697, 75.1033,
99.8418

■ 1.6161, 1.0550,
2.4382

■ 104.7721, 98.5622,
128.8481

■ 0.4029, 0.0000,
0.8071

133.2525,
126.4586, 162.9897

■ 0.0000, 0.0000,
0.0000

166.4763,

159.1769, 202.6852

204.8088,
197.1014, 248.3531

■ 20.7331, 17.9549,
26.7990

■ 20.7331, 17.9549,
26.7990

■ 19.3593, 15.2565,
26.1886

■ 22.3445, 21.1276,
27.4896

■ 18.2100, 13.0073,
25.6534

■ 24.2023, 24.7934,
28.2628

■ 17.2736, 11.1836,
25.1897

■ 26.3172, 28.9731,
29.1222

■ 16.5365, 9.7583,
24.7931

■ 28.6985, 33.6853,
30.0710

■ 15.9837, 8.7015,
24.4585

■ 31.3551, 38.9480,
31.1122

■ 15.5981, 7.9790,
24.1803

■ 34.2955, 44.7782,
32.2486

■ 15.3592, 7.5494,
23.9515

■ 37.5279, 51.1921,
33.4830

■ 15.2421, 7.3462,
23.8169

■ 41.0601, 58.2055,
34.8178

■ 44.8997, 65.8333,
36.2557

Harmonies

Analogous

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



18.9696, 17.9549, 32.1052



20.7331, 17.9549, 26.7990



21.5115, 17.9549, 20.2744

Triad

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



20.7331, 17.9549, 26.7990



17.3168, 17.9549, 9.9879



13.6419, 17.9549, 25.2980

Complementary

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



20.7331, 17.9549, 26.7990



18.1490, 22.9652, 17.6645

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.



13.2788, 17.9549, 18.8427



20.7331, 17.9549, 26.7990



15.2934, 17.9549, 10.7868

Square

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



20.7331, 17.9549, 26.7990



19.4380, 17.9549, 11.2755



13.8583, 17.9549, 13.7422



14.8945, 17.9549, 31.1191

Rectangle

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



20.7331, 17.9549, 26.7990



21.3227, 17.9549, 16.3869



13.8583, 17.9549, 13.7422



13.4165, 17.9549, 23.0957

Sweetspot

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



20.7336, 17.9557, 26.7994



41.4463, 41.2968, 49.3231



16.1218, 15.5697, 26.9668



9.5129, 9.4420, 11.3497



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.7336, 17.9557, 26.7994



35.2866, 29.1654, 46.6903



19.6455, 17.5204, 21.0695



5.2274, 5.1264, 6.2860



13.5445, 6.5279, 21.1692



0.0909, 0.0437, 0.1457

Inverse Universe

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



20.7336, 17.9557, 26.7994



35.2866, 29.1654, 46.6903



19.0834, 23.3390, 22.5851



5.2274, 5.1264, 6.2860



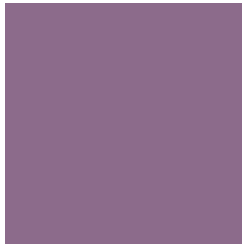
13.5445, 6.5279, 21.1692



0.0909, 0.0437, 0.1457

Previews

White Background



This preview shows how the XYZ color 20.7331, 17.9549, 26.7990 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 20.7331, 17.9549, 26.7990 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 20.7331, 17.9549, 26.7990

Background



This preview shows how black text looks on a background with the XYZ color 20.7331, 17.9549, 26.7990.



This preview shows how white text looks on a background with the XYZ color 20.7331, 17.9549,

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

20.7331, 17.9549, 26.7990

Protanopia

18.1051, 18.1774, 29.7485

Deuteranopia

18.3918, 18.0607, 26.1836



Tritanopia

19.3307, 18.0192, 19.9120

Trichromacy



Original Color

20.7331, 17.9549, 26.7990

Protanomaly

18.8891, 17.9310, 28.4521

Deuteranomaly

19.1340, 17.9353, 26.4982

Tritanomaly

19.8231, 18.0615, 22.1801

Monochromacy



Original Color

20.7331, 17.9549, 26.7990

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.0438, 18.6385, 23.0159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7331, 17.9549, 26.7990 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(140, 107, 139)` looks like.

```
.text, #text, p{  
    color:rgb(140, 107, 139)  
}
```

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(140, 107, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 107, 139) }
```

Border

The CSS property to change the border of an element to XYZ 20.7331, 17.9549, 26.7990 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(140, 107, 139) }
```


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

```
.border{ border-color:rgb(140, 107, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 107, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 107, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 107, 139);  
box-shadow:4px 4px 4px 4px rgb(140, 107,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7331, 17.9549, 26.7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 107, 139) }
```

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

```
.background{ background-color: rgb(140,  
107, 139) }
```

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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