

Converting Colors

XYZ(21.9983, 19.9076, 26.9269)

Have a look what the booklet for
XYZ(21.9983, 19.9076, 26.9269)
contains.

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Color

**XYZ(22.1186, 19.9652,
27.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	8F738B
RGB	143, 115, 139
RGB Percent	56%, 45%, 55%
CMY	0.4392, 0.5490, 0.4549
CMYK	0.00, 0.20, 0.03, 0.44
HSL	309°, 11%, 51%
HSV	309°, 20%, 56%
XYZ	22.1186, 19.9652, 27.1140
YIQ	126.1080, 8.9840, 13.4000

Conversions

Conversions Part 2

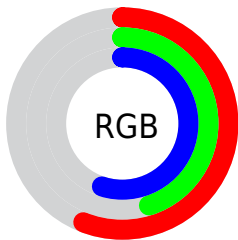
Format	Color
R_{YB}	143, 115, 139
Decimal	9401227
CIE _{Lab}	51.80, 15.31, -8.93
CIE _{LCh}	52, 17.729, 329.740
Yxy	19.9652, 0.3196, 0.2885
Android (android.graphics.Color)	4287591307 (0xFF8F738B)
YUV	126.1080, 6.3558, 14.8143
Hunter-Lab	44.6824, 10.1664, -4.7004

Details

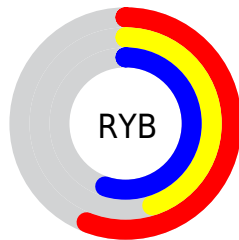
The XYZ color **22.1186, 19.9652, 27.1140** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.2232, 24.6222, 21.1405**, and the grayscale version is **19.8453, 20.8788, 22.7371**.

A 20% lighter version of the original color is **46.3591, 43.3135, 55.7861**, and **8.2240, 7.0109, 10.3710** is the 20% darker color. If you saturate the color by 10%, you get **20.4651, 16.8945, 25.8334**, and if you desaturate by 10%, it is **24.0291, 23.5447, 28.4945**.

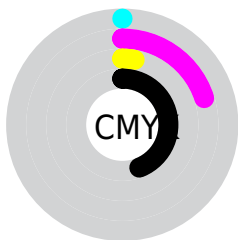
Distribution



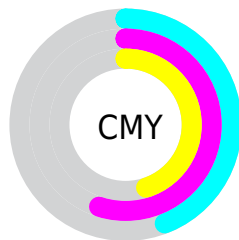
- Red (56%)
- Green (45%)
- Blue (55%)



- Red (56%)
- Yellow (45%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (44%)



- Cyan (44%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1186, 19.9652, 27.1140 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 22.1186, 19.9652, 27.1140 by changing the saturation by 10% instead.

■ 22.1186, 19.9652,
27.1140

■ 22.1186, 19.9652,
27.1140

255.7857,
251.7267, 301.9863

■ 14.0612, 12.3698,
17.4257

■ 46.4193, 43.3588,
56.0727

■ 8.2452, 6.9960,
10.3733

■ 63.3933, 59.9258,
76.1802

■ 4.3054, 3.4596,
5.5383

■ 84.0702, 80.2521,
100.5977

■ 1.8763, 1.3761,
2.5022

■ 108.8154,
104.7220, 129.7440

■ 0.5630, 0.1990,
0.8413

137.9942,
133.7201, 164.0374

■ 0.0000, 0.0000,
0.0000

171.9719,

167.6306, 203.8966

211.1140,
206.8380, 249.7400

■ 22.1186, 19.9652,
27.1140

■ 22.1186, 19.9652,
27.1140

■ 20.4651, 16.8945,
25.8334

■ 24.0291, 23.5447,
28.4945

■ 19.0551, 14.3067,
24.6474

■ 26.2056, 27.6522,
29.9773

■ 17.8766, 12.1777,
23.5522

■ 28.6591, 32.3089,
31.5663

■ 16.9161, 10.4801,
22.5432

■ 31.3992, 37.5344,
33.2648

■ 16.1583, 9.1836,
21.6153

■ 34.4351, 43.3470,
35.0761

■ 15.5862, 8.2540,
20.7626

■ 37.7757, 49.7644,
37.0029

■ 15.1798, 7.6516,
19.9785

■ 41.4295, 56.8034,
39.0484

■ 14.8880, 7.2743,
19.2458

■ 45.4044, 64.4803,
41.2152

■ 14.8761, 7.2590,
19.2154

■ 49.7085, 72.8107,
43.5061

Harmonies

Analogous

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



20.7417, 19.9652, 31.5081



22.1186, 19.9652, 27.1140



22.6439, 19.9652, 21.7837

Triad

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



22.1186, 19.9652, 27.1140



18.9920, 19.9652, 13.2717



16.1326, 19.9652, 27.0239

Complementary

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



22.1186, 19.9652, 27.1140



20.2232, 24.6222, 21.1405

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.



15.7278, 19.9652, 21.6938



22.1186, 19.9652, 27.1140



17.3141, 19.9652, 14.2315

Square

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



22.1186, 19.9652, 27.1140



20.7706, 19.9652, 14.2654



16.1467, 19.9652, 17.1254



17.2885, 19.9652, 31.4506

Rectangle

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



22.1186, 19.9652, 27.1140



22.4164, 19.9652, 18.5661



16.1467, 19.9652, 17.1254



15.9076, 19.9652, 25.2536

Sweetspot

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



22.1192, 19.9661, 27.1144



44.3224, 44.5944, 51.9242



18.6607, 18.1488, 28.5064



10.1148, 10.1335, 11.8734



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.



22.1192, 19.9661, 27.1144



38.4007, 33.5004, 47.6401



21.1778, 19.5895, 22.1573



5.5936, 5.4980, 6.6238



13.1590, 6.4206, 17.0205



0.1317, 0.0637, 0.1937

Inverse Universe

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



22.1192, 19.9661, 27.1144



38.4007, 33.5004, 47.6401



21.1086, 24.9763, 25.8028



5.5936, 5.4980, 6.6238



13.1590, 6.4206, 17.0205



0.1317, 0.0637, 0.1937

Previews

White Background



This preview shows how the XYZ color 22.1186, 19.9652, 27.1140 looks on a white 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

Black Background



This preview shows how the XYZ color 22.1186, 19.9652, 27.1140 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 22.1186, 19.9652, 27.1140

Background



This preview shows how black text looks on a background with the XYZ color 22.1186, 19.9652, 27.1140.



This preview shows how white text looks on a background with the XYZ color 22.1186, 19.9652,

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

22.1186, 19.9652, 27.1140

Protanopia

19.8627, 20.1726, 29.2324

Deuteranopia

20.3572, 19.9350, 26.8197



Tritanopia

21.1117, 19.8917, 22.4654

Trichromacy



Original Color

22.1186, 19.9652, 27.1140

Protanomaly

20.5010, 19.9751, 28.3662

Deuteranomaly

20.8974, 19.8602, 26.7767

Tritanomaly

21.4975, 19.8803, 24.1770

Monochromacy



Original Color

22.1186, 19.9652, 27.1140

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.5720, 20.4633, 24.3383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1186, 19.9652, 27.1140 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(143, 115, 139)` looks like.

```
.text, #text, p{  
    color:rgb(143, 115, 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(143, 115, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 115, 139) }
```

Border

The CSS property to change the border of an element to XYZ 22.1186, 19.9652, 27.1140 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(143, 115, 139) }
```


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

```
.border{ border-color:rgb(143, 115, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 115, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 115, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 115, 139);  
box-shadow:4px 4px 4px 4px rgb(143, 115,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1186, 19.9652, 27.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 115, 139) }
```

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

```
.background{ background-color: rgb(143,  
115, 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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