

Converting Colors

XYZ(27.3706, 19.8693, 22.8147)

Have a look what the booklet for
XYZ(27.3706, 19.8693, 22.8147)
contains.

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Color

**XYZ(27.3706, 19.8693,
22.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	B66080
RGB	182, 96, 128
RGB Percent	71%, 38%, 50%
CMY	0.2863, 0.6235, 0.4980
CMYK	0.00, 0.47, 0.30, 0.29
HSL	338°, 37%, 55%
HSV	338°, 47%, 71%
XYZ	27.3706, 19.8693, 22.8147
YIQ	125.3620, 40.9840, 28.1840

Conversions

Conversions Part 2

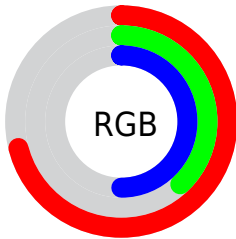
Format	Color
R_{YB}	182, 96, 128
Decimal	11952256
CIE _{Lab}	51.69, 38.42, -2.09
CIE _{LCh}	52, 38.474, 356.893
Yxy	19.8693, 0.3907, 0.2836
Android (android.graphics.Color)	4290142336 (0xFFB66080)
YUV	125.3620, 1.3005, 49.6715
Hunter-Lab	44.5750, 31.5990, 0.8563

Details

The XYZ color **27.3706, 19.8693, 22.8147** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.0578, 38.1453, 34.7927**, and the grayscale version is **19.6016, 20.6224, 22.4578**.

A 20% lighter version of the original color is **55.0231, 43.3564, 49.1846**, and **10.9539, 6.8769, 8.1472** is the 20% darker color. If you saturate the color by 10%, you get **25.1878, 16.6405, 18.5825**, and if you desaturate by 10%, it is **30.0236, 23.9027, 27.6221**.

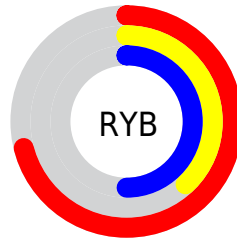
Distribution



Red (71%)

Green (38%)

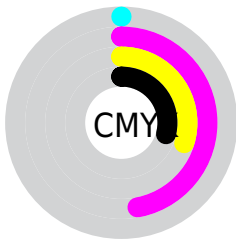
Blue (50%)



Red (71%)

Yellow (38%)

Blue (50%)

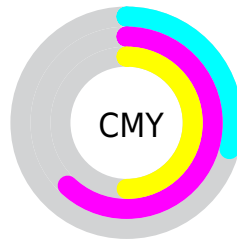


Cyan (0%)

Magenta (47%)

Yellow (30%)

Black (29%)



Cyan (29%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3706, 19.8693, 22.8147 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 27.3706, 19.8693, 22.8147 by changing the saturation by 10% instead.

■ 27.3706, 19.8693,
22.8147

■ 27.3706, 19.8693,
22.8147

281.5820,
251.2067, 279.8628

■ 17.9898, 12.3001,
14.2527

■ 54.8937, 43.1979,
49.0082

■ 11.0423, 6.9484,
8.1559

■ 73.7667, 59.7262,
67.4768

■ 6.1628, 3.4298,
4.1057

■ 96.5344, 80.0095,
90.0848

■ 2.9859, 1.3600,
1.6835

■ 123.5623,
104.4323, 117.2505

■ 1.1463, 0.1870,
0.3494

155.2156,
133.3791, 149.3927

■ 0.0633, 0.0000,
0.0000

191.8598,

■ 0.0000, 0.0000,

167.2341, 186.9298

0.0000

233.8601,
206.3819, 230.2803

■ 27.3706, 19.8693,
22.8147

■ 27.3706, 19.8693,
22.8147

■ 25.1878, 16.6405,
18.5825

■ 30.0236, 23.9027,
27.6221

■ 23.4440, 14.1585,
14.9006

■ 33.1722, 28.7874,
33.0258

■ 22.1062, 12.3622,
11.7439


■ 36.8417, 34.5702,
39.0469


■ 21.1359, 11.1797,
9.0839


■ 41.0554, 41.2934,
45.7052


■ 20.4786, 10.5069,
6.8862


■ 45.8350, 48.9967,
53.0197

 20.3263, 10.3590,
6.3517

 51.2009, 57.7175,
61.0082

 57.1727, 67.4913,
69.6882

 63.7689, 78.3516,
79.0762

 69.4551, 87.2266,
88.6710

Harmonies

Analogous

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



25.8600, 19.8693, 35.5516



27.3706, 19.8693, 22.8147



26.3625, 19.8693, 13.3275

Triad

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



27.3706, 19.8693, 22.8147



15.7034, 19.8693, 7.6125



15.0914, 19.8693, 44.9620

Complementary

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



27.3706, 19.8693, 22.8147



27.0578, 38.1453, 34.7927

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.



12.9750, 19.8693, 32.8275



27.3706, 19.8693, 22.8147



13.2929, 19.8693, 11.9256

Square

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



27.3706, 19.8693, 22.8147



19.2930, 19.8693, 6.5306



12.3643, 19.8693, 20.4953



18.4832, 19.8693, 50.8040

Rectangle

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



27.3706, 19.8693, 22.8147



24.4644, 19.8693, 9.4713



12.3643, 19.8693, 20.4953



14.2260, 19.8693, 41.3169

Sweetspot

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



27.3712, 19.8703, 22.8151



68.9897, 66.1653, 74.3057



25.0277, 18.1369, 46.4379



14.8888, 14.0591, 15.8544



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.3712, 19.8703, 22.8151



45.4136, 29.8039, 33.1804



26.5610, 21.1056, 13.7413



9.1391, 9.0660, 10.0798



14.3839, 7.3273, 4.6425



0.5374, 0.2705, 0.3236

Inverse Universe

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



27.3712, 19.8703, 22.8151



45.4136, 29.8039, 33.1804



28.0143, 35.3572, 49.6044



9.1391, 9.0660, 10.0798



14.3839, 7.3273, 4.6425



0.5374, 0.2705, 0.3236

Previews

White Background



This preview shows how the XYZ color 27.3706, 19.8693, 22.8147 looks on a white background.

Color Contrast Check

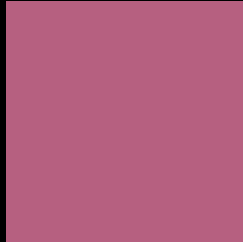
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3706, 19.8693, 22.8147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

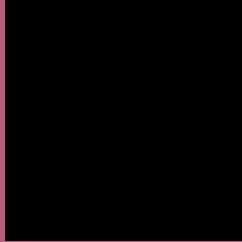
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3706, 19.8693, 22.8147

Background



This preview shows how black text looks on a background with the XYZ color 27.3706, 19.8693, 22.8147.



This preview shows how white text looks on a background with the XYZ color 27.3706, 19.8693,

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

27.3706, 19.8693, 22.8147

Protanopia

19.9395, 20.2033, 29.6368

Deuteranopia

20.3462, 20.0391, 21.8643



Tritanopia

26.0334, 19.8792, 16.3749

Trichromacy



Original Color

27.3706, 19.8693, 22.8147

Protanomaly

21.8930, 19.5140, 27.0388

Deuteranomaly

22.3350, 19.5249, 21.9935

Tritanomaly

26.6124, 19.9852, 18.6746

Monochromacy



Original Color

27.3706, 19.8693, 22.8147

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.6373, 19.6520, 22.3915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3706, 19.8693, 22.8147 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(182, 96, 128)` looks like.

```
.text, #text, p{  
  color:rgb(182, 96, 128)  
}
```

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(182, 96, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 96, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.3706, 19.8693, 22.8147 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(182, 96, 128) }
```


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

```
.border{ border-color:rgb(182, 96, 128) }
```

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

Here you see how a box with a 4 pixel rgb(182, 96, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 96, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 96, 128);  
box-shadow:4px 4px 4px 4px rgb(182, 96,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3706, 19.8693, 22.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 96, 128) }
```

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

```
.background{ background-color: rgb(182, 96,  
128) }
```

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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