

Converting Colors

XYZ(27.0943, 17.7284, 39.2221)

Have a look what the booklet for
XYZ(27.0943, 17.7284, 39.2221)
contains.

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Color

**XYZ(27.1744, 17.7843,
39.0463)**

Conversions

Conversions Part 1

Format	Color
Hex	AC53A8
RGB	172, 83, 168
RGB Percent	67%, 33%, 66%
CMY	0.3255, 0.6745, 0.3412
CMYK	0.00, 0.52, 0.02, 0.33
HSL	303°, 35%, 50%
HSV	303°, 52%, 67%
XYZ	27.1744, 17.7843, 39.0463
YIQ	119.3010, 25.7590, 45.3030

Conversions

Conversions Part 2

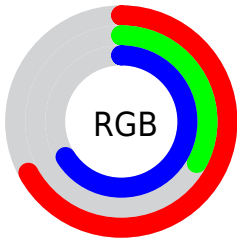
Format	Color
R_{YB}	172, 83, 168
Decimal	11293608
CIE _{Lab}	49.23, 48.21, -29.62
CIE _{LCh}	49, 56.584, 328.434
Yxy	17.7843, 0.3235, 0.2117
Android (android.graphics.Color)	4289483688 (0xFFAC53A8)
YUV	119.3010, 24.0086, 46.2170
Hunter-Lab	42.1714, 41.2217, -25.3763

Details

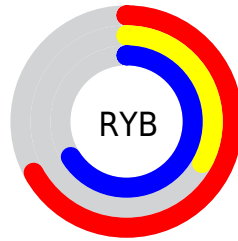
The XYZ color **27.1744, 17.7843, 39.0463** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **20.0409, 32.0329, 14.1445**, and the grayscale version is **17.5511, 18.4651, 20.1085**.

A 20% lighter version of the original color is **54.4365, 39.5940, 74.5853**, and **10.9279, 5.9216, 17.0900** is the 20% darker color. If you saturate the color by 10%, you get **25.9464, 15.4428, 38.2828**, and if you desaturate by 10%, it is **28.7305, 20.7804, 39.9216**.

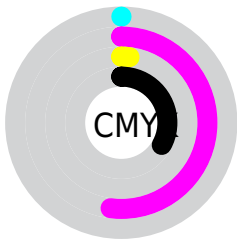
Distribution



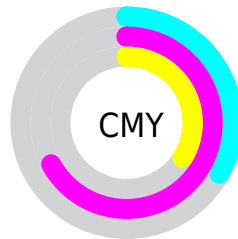
- Red (67%)
- Green (33%)
- Blue (66%)



- Red (67%)
- Yellow (33%)
- Blue (66%)



- Cyan (0%)
- Magenta (52%)
- Yellow (2%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1744, 17.7843, 39.0463 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 27.1744, 17.7843, 39.0463 by changing the saturation by 10% instead.

27.1744, 17.7843,
39.0463

27.1744, 17.7843,
39.0463

280.6527,
239.6524, 357.5191

17.8415, 10.7952,
26.4876

54.5815, 39.6694,
74.9302

10.9353, 5.9293,
16.9598

73.3864, 55.3343,
99.0925

6.0903, 2.8021,
10.0442

96.0794, 74.6599,
127.9597

2.9412, 1.0293,
5.3223

123.0258, 98.0306,
161.9504

1.1228, 0.0000,
2.3755

154.5910,
125.8308, 201.4832

0.0440, 0.0000,
0.7731

191.1403,

0.0000, 0.0000,

158.4449, 246.9765

0.0000

233.0391,
196.2573, 298.8490

■ 27.1744, 17.7843,
39.0463

■ 27.1744, 17.7843,
39.0463

■ 25.9464, 15.4428,
38.2828

■ 28.7305, 20.7804,
39.9216

■ 25.0200, 13.7043,
37.6218

■ 30.6349, 24.4730,
40.9150

■ 24.3678, 12.5135,
37.0542

■ 32.9084, 28.9030,
42.0335

■ 23.9564, 11.8036,
36.5691

■ 35.5696, 34.1077,
43.2834

■ 23.7387, 11.4609,
36.2107

■ 38.6359, 40.1219,
44.6705

■ 42.1236, 46.9782,
46.2001

■ 46.0480, 54.7073,
47.8775

■ 50.4239, 63.3386,
49.7074

■ 55.2652, 72.9000,
51.6947

Harmonies

Analogous

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



22.2429, 17.7843, 58.1111



27.1744, 17.7843, 39.0463



29.2942, 17.7843, 20.1739

Triad

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



27.1744, 17.7843, 39.0463



17.1839, 17.7843, 2.3785



9.4240, 17.7843, 36.8794

Complementary

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



27.1744, 17.7843, 39.0463



20.0409, 32.0329, 14.1445

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.



8.6169, 17.7843, 18.5762



27.1744, 17.7843, 39.0463



12.4952, 17.7843, 3.3570

Square

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



27.1744, 17.7843, 39.0463



22.8280, 17.7843, 3.6115



9.6142, 17.7843, 7.7403



12.1044, 17.7843, 56.4650

Rectangle

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



27.1744, 17.7843, 39.0463



28.5506, 17.7843, 11.5148



9.6142, 17.7843, 7.7403



8.9529, 17.7843, 30.1537

Sweetspot

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



27.1750, 17.7851, 39.0467



62.2444, 57.4062, 77.4608



14.3751, 11.1428, 40.4234



13.3212, 12.0729, 16.7370



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.1750, 17.7851, 39.0467



46.8086, 27.5208, 69.2749



23.7792, 16.4268, 21.1644



8.3213, 8.1418, 10.0027



17.6708, 8.5309, 26.9756



0.4962, 0.2392, 0.7749

Inverse Universe

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



27.1750, 17.7851, 39.0467



46.8086, 27.5208, 69.2749



22.3812, 32.9690, 26.4686



8.3213, 8.1418, 10.0027



17.6708, 8.5309, 26.9756



0.4962, 0.2392, 0.7749

Previews

White Background



This preview shows how the XYZ color 27.1744, 17.7843, 39.0463 looks on a white background.

Color Contrast Check

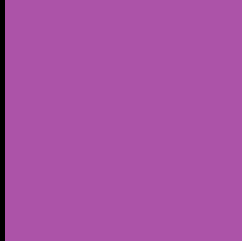
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1744, 17.7843, 39.0463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

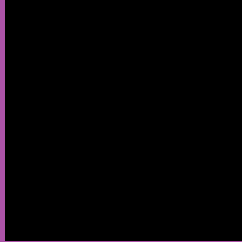
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1744, 17.7843, 39.0463

Background



This preview shows how black text looks on a background with the XYZ color 27.1744, 17.7843, 39.0463.



This preview shows how white text looks on a background with the XYZ color 27.1744, 17.7843,

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

27.1744, 17.7843, 39.0463

Protanopia

19.7274, 18.1329, 54.0900

Deuteranopia

18.3605, 17.9830, 36.6858



Tritanopia

22.4863, 17.7753, 15.8815

Trichromacy



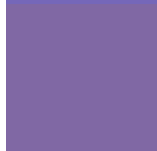
Original Color

27.1744, 17.7843, 39.0463



Protanomaly

20.9433, 16.9852, 48.0736



Deuteranomaly

20.5532, 17.1702, 37.3529



Tritanomaly

24.0252, 17.7385, 22.9265

Monochromacy



Original Color

27.1744, 17.7843, 39.0463



Achromatopsia

17.5343, 18.4475, 20.0893



Achromatomaly

20.1506, 17.5175, 25.9861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1744, 17.7843, 39.0463 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(172, 83, 168)` looks like.

```
.text, #text, p{  
    color:rgb(172, 83, 168)  
}
```

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(172, 83, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 83, 168) }
```

Border

The CSS property to change the border of an element to XYZ 27.1744, 17.7843, 39.0463 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(172, 83, 168) }
```


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

```
.border{ border-color:rgb(172, 83, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 83, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 83, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 83, 168);  
box-shadow:4px 4px 4px 4px rgb(172, 83,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1744, 17.7843, 39.0463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 83, 168) }
```

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

```
.background{ background-color: rgb(172, 83,  
168) }
```

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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