

Converting Colors

XYZ(26.8526, 17.7539, 37.0226)

Have a look what the booklet for
XYZ(26.8526, 17.7539, 37.0226)
contains.

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Color

**XYZ(26.8844, 17.7916,
37.1391)**

Conversions

Conversions Part 1

Format	Color
Hex	AC54A4
RGB	172, 84, 164
RGB Percent	67%, 33%, 64%
CMY	0.3255, 0.6706, 0.3569
CMYK	0.00, 0.51, 0.05, 0.33
HSL	305°, 35%, 50%
HSV	305°, 51%, 67%
XYZ	26.8844, 17.7916, 37.1391
YIQ	119.4320, 26.7680, 43.5360

Conversions

Conversions Part 2

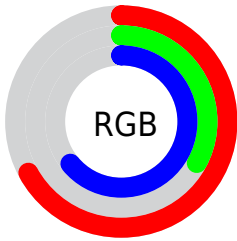
Format	Color
R_{YB}	172, 84, 164
Decimal	11293860
CIE _{Lab}	49.24, 47.00, -27.25
CIE _{LCh}	49, 54.327, 329.891
Yxy	17.7916, 0.3286, 0.2175
Android (android.graphics.Color)	4289483940 (0xFFAC54A4)
YUV	119.4320, 21.9720, 46.1021
Hunter-Lab	42.1801, 39.9557, -22.6781

Details

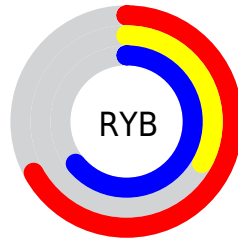
The XYZ color **26.8844, 17.7916, 37.1391** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **20.3412, 32.1632, 15.2623**, and the grayscale version is **17.5986, 18.5151, 20.1629**.

A 20% lighter version of the original color is **54.0449, 39.6638, 71.8252**, and **10.7507, 5.9317, 15.9075** is the 20% darker color. If you saturate the color by 10%, you get **25.5695, 15.3860, 36.0084**, and if you desaturate by 10%, it is **28.5300, 20.8551, 38.3889**.

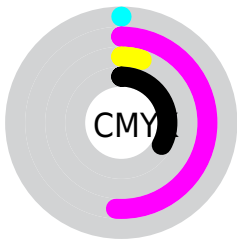
Distribution



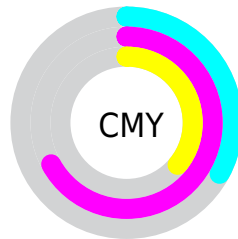
- Red (67%)
- Green (33%)
- Blue (64%)



- Red (67%)
- Yellow (33%)
- Blue (64%)



- Cyan (0%)
- Magenta (51%)
- Yellow (5%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8844, 17.7916, 37.1391 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 26.8844, 17.7916, 37.1391 by changing the saturation by 10% instead.

■ 26.8844, 17.7916,
37.1391

■ 26.8844, 17.7916,
37.1391

279.2747,
239.6938, 349.0992

■ 17.6226, 10.8005,
25.0186

■ 54.1195, 39.6819,
71.9754

■ 10.7774, 5.9328,
15.8717

■ 72.8235, 55.3499,
95.5282

■ 5.9835, 2.8043,
9.2801

■ 95.4056, 74.6789,
123.7289

■ 2.8756, 1.0304,
4.8250

■ 122.2311, 98.0534,
156.9960

■ 1.0883, 0.0000,
2.0880

■ 153.6654,
125.8577, 195.7481

■ 0.0153, 0.0000,
0.6086

190.0739,

■ 0.0000, 0.0000,

158.4763, 240.4036

0.0000

231.8219,
196.2935, 291.3811

■ 26.8844, 17.7916,
37.1391

■ 26.8844, 17.7916,
37.1391

■ 25.5695, 15.3860,
36.0084

■ 28.5300, 20.8551,
38.3889

■ 24.5590, 13.5870,
34.9876

■ 30.5265, 24.6178,
39.7641

■ 23.8258, 12.3396,
34.0677

■ 32.8946, 29.1209,
41.2718

■ 23.3368, 11.5781,
33.2377

■ 35.6527, 34.4013,
42.9182

■ 23.0450, 11.1834,
32.5579

■ 38.8181, 40.4936,
44.7090

■ 42.4072, 47.4303,
46.6498

■ 46.4354, 55.2423,
48.7456

■ 50.9171, 63.9586,
51.0014

■ 55.8663, 73.6070,
53.4219

Harmonies

Analogous

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



22.2798, 17.7916, 55.3177



26.8844, 17.7916, 37.1391



28.7262, 17.7916, 19.4254

Triad

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



26.8844, 17.7916, 37.1391



16.9290, 17.7916, 2.6775



9.7572, 17.7916, 36.9966

Complementary

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



26.8844, 17.7916, 37.1391



20.3412, 32.1632, 15.2623

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.



8.8812, 17.7916, 19.3187



26.8844, 17.7916, 37.1391



12.4814, 17.7916, 3.8048

Square

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



26.8844, 17.7916, 37.1391



22.3186, 17.7916, 3.8229



9.7701, 17.7916, 8.4276



12.4550, 17.7916, 55.2104

Rectangle

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



26.8844, 17.7916, 37.1391



27.9018, 17.7916, 11.3056



9.7701, 17.7916, 8.4276



9.2673, 17.7916, 30.5769

Sweetspot

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



26.8850, 17.7924, 37.1395



62.5352, 58.2982, 76.6009



14.9648, 11.5612, 40.4730



13.3694, 12.2466, 16.5151



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.



26.8850, 17.7924, 37.1395



46.1927, 27.5627, 65.1429



23.6151, 16.4844, 19.9202



8.3052, 8.1353, 9.9180



17.1596, 8.3264, 24.2838



0.4863, 0.2352, 0.7226

Inverse Universe

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



26.8850, 17.7924, 37.1395



46.1927, 27.5627, 65.1429



22.8061, 33.1492, 28.2422



8.3052, 8.1353, 9.9180



17.1596, 8.3264, 24.2838



0.4863, 0.2352, 0.7226

Previews

White Background



This preview shows how the XYZ color 26.8844, 17.7916, 37.1391 looks on a white background.

Color Contrast Check

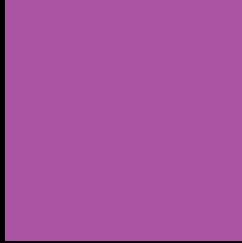
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8844, 17.7916, 37.1391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

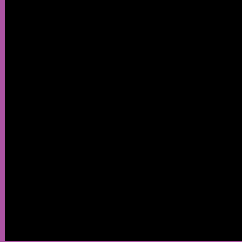
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8844, 17.7916, 37.1391

Background



This preview shows how black text looks on a background with the XYZ color 26.8844, 17.7916, 37.1391.



This preview shows how white text looks on a background with the XYZ color 26.8844, 17.7916,

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

26.8844, 17.7916, 37.1391

Protanopia

19.4495, 18.0539, 51.1748

Deuteranopia

18.3608, 18.0236, 34.8589



Tritanopia

22.4345, 17.7546, 15.6092

Trichromacy



Original Color

26.8844, 17.7916, 37.1391

Protanomaly

20.8986, 17.1588, 45.9266

Deuteranomaly

20.5014, 17.1845, 35.4941

Tritanomaly

23.8287, 17.6599, 21.8915

Monochromacy



Original Color

26.8844, 17.7916, 37.1391

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

20.0084, 17.4606, 25.2373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8844, 17.7916, 37.1391 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, 84, 164)` looks like.

```
.text, #text, p{  
    color:rgb(172, 84, 164)  
}
```

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, 84, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 84, 164) }
```

Border

The CSS property to change the border of an element to XYZ 26.8844, 17.7916, 37.1391 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, 84, 164) }
```


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

```
.border{ border-color:rgb(172, 84, 164) }
```

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

Here you see how a box with a 4 pixel rgb(172, 84, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 84, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 84, 164);  
box-shadow:4px 4px 4px 4px rgb(172, 84,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8844, 17.7916, 37.1391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 84, 164) }
```

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

```
.background{ background-color: rgb(172, 84,  
164) }
```

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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