

Converting Colors

XYZ(14.4736, 6.8887, 26.5534)

Have a look what the booklet for
XYZ(14.4736, 6.8887, 26.5534)
contains.

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Color

**XYZ(14.4736, 6.8887,
26.5534)**

Conversions

Conversions Part 1

Format	Color
Hex	84008F
RGB	132, 0, 143
RGB Percent	52%, 0%, 56%
CMY	0.4823, 1.0000, 0.4392
CMYK	0.08, 1.00, 0.00, 0.44
HSL	295°, 100%, 28%
HSV	295°, 100%, 56%
XYZ	14.4736, 6.8887, 26.5534
YIQ	55.7700, 32.7690, 72.4570

Conversions

Conversions Part 2

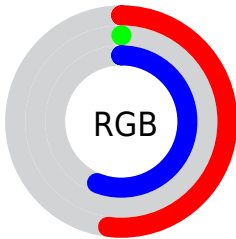
Format	Color
RYB	132, 0, 143
Decimal	8650895
CIELab	31.55, 62.04, -42.97
CIELCh	32, 75.464, 325.293
Yxy	6.8887, 0.3021, 0.1438
Android (android.graphics.Color)	4286840975 (0xFF84008F)
YUV	55.7700, 43.0044, 66.8537
Hunter-Lab	26.2463, 52.5031, -41.6112

Details

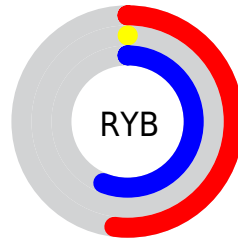
The XYZ color **14.4736, 6.8887, 26.5534** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **9.9607, 19.7162, 3.2809**, and the grayscale version is **3.6740, 3.8653, 4.2093**.

A 20% lighter version of the original color is **33.5131, 19.7476, 54.8687**, and **4.9923, 2.3505, 10.3158** is the 20% darker color. If you saturate the color by 10%, you get **14.4737, 6.8887, 26.5535**, and if you desaturate by 10%, it is **14.8080, 7.3004, 26.6153**.

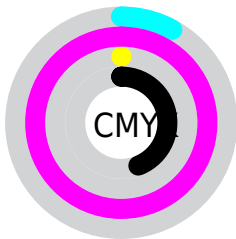
Distribution



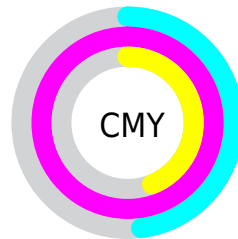
- Red (52%)
- Green (0%)
- Blue (56%)



- Red (52%)
- Yellow (0%)
- Blue (56%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (48%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4736, 6.8887, 26.5534 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 14.4736, 6.8887, 26.5534 by changing the saturation by 10% instead.

■ 14.4736, 6.8887,
26.5534

■ 14.4736, 6.8887,
26.5534

213.6097,
166.7356, 299.1797

■ 8.5347, 3.3926,
17.0086

■ 33.5063, 19.7490,
55.1614

■ 4.4936, 1.3400,
10.0786

■ 47.3309, 29.8819,
75.0617

■ 1.9850, 0.1718,
5.3448

■ 64.5146, 42.9959,
99.2509

■ 0.6255, 0.0000,
2.3887

■ 85.4230, 59.4753,
128.1476

■ 0.0000, 0.0000,
0.7803

■ 110.4214, 79.7047,
162.1702

■ 0.0000, 0.0000,
0.0000

■ 139.8750,

104.0682, 201.7374

174.1493,
132.9504, 247.2677

14.4736, 6.8887,
26.5534

14.4736, 6.8887,
26.5534

14.4737, 6.8887,
26.5535

14.8080, 7.3004,
26.6153

15.2514, 7.9278,
26.7131

15.8587, 8.8803,
26.8649

16.6501, 10.1982,
27.0776

17.6426, 11.9157,
27.3568

■ 18.8516, 14.0632,
27.7076

■ 20.2906, 16.6683,
28.1346

■ 21.9724, 19.7560,
28.6419

■ 23.9085, 23.3496,
29.2335

Harmonies

Analogous

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



10.1488, 6.8887, 46.1335



14.4736, 6.8887, 26.5534



16.7232, 6.8887, 9.3318

Triad

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



14.4736, 6.8887, 26.5534



7.1591, 6.8887, 0.0000



1.9440, 6.8887, 20.2857

Complementary

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



14.4736, 6.8887, 26.5534



9.9607, 19.7162, 3.2809

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.



1.6612, 6.8887, 5.9262



14.4736, 6.8887, 26.5534



3.9182, 6.8887, 0.0000

Square

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



14.4736, 6.8887, 26.5534



11.5887, 6.8887, 0.0000



2.2202, 6.8887, 0.7993



3.2327, 6.8887, 40.6600

Rectangle

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



14.4736, 6.8887, 26.5534



16.2940, 6.8887, 3.2567



2.2202, 6.8887, 0.7993



1.7558, 6.8887, 14.3969

Sweetspot

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



14.4739, 6.8890, 26.5535



36.1591, 29.5254, 50.3312



5.0887, 2.2444, 26.1517



8.0596, 6.3483, 11.4728



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.



14.4739, 6.8890, 26.5535



25.8550, 12.3030, 47.5500



12.9055, 6.4709, 8.8380



5.5859, 5.4902, 6.7941



12.8053, 6.0950, 23.4786



0.1303, 0.0623, 0.2248

Inverse Universe

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



11.3883, 5.8641, 0.8486



20.3676, 10.4905, 1.3783



10.6274, 19.9670, 7.5122



5.4247, 5.4304, 5.7344



10.0728, 5.1861, 0.7687



0.0990, 0.0507, 0.0215

Previews

White Background



This preview shows how the XYZ color 14.4736, 6.8887, 26.5534 looks on a white background.

Color Contrast Check

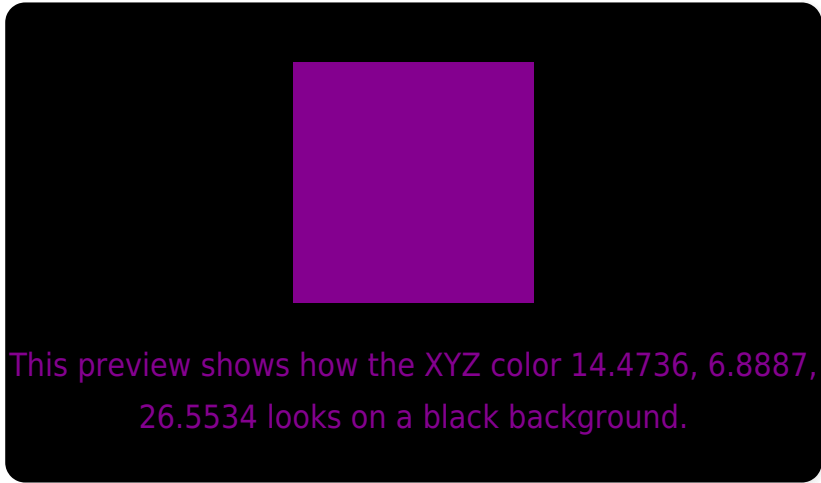
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

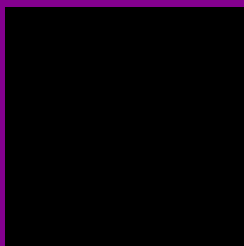
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4736, 6.8887, 26.5534

Background



This preview shows how black text looks on a background with the XYZ color 14.4736, 6.8887, 26.5534.



This preview shows how white text looks on a background with the XYZ color 14.4736, 6.8887,

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

14.4736, 6.8887, 26.5534

Protanopia

8.6876, 7.5008, 33.3377

Deuteranopia

7.5925, 7.4613, 23.5943



Tritanopia

10.2558, 7.2922, 5.1420

Trichromacy



Original Color

14.4736, 6.8887, 26.5534



Protanomaly

8.0256, 5.0422, 30.6872



Deuteranomaly

8.0399, 5.3163, 24.2693



Tritanomaly

11.0805, 6.4356, 10.3310

Monochromacy



Original Color

14.4736, 6.8887, 26.5534



Achromatopsia

3.7589, 3.9546, 4.3066



Achromatomaly

6.0485, 3.8512, 9.6571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4736, 6.8887, 26.5534 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(132, 0, 143)` looks like.

```
.text, #text, p{  
    color:rgb(132, 0, 143)  
}
```

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(132, 0, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 0, 143) }
```

Border

The CSS property to change the border of an element to XYZ 14.4736, 6.8887, 26.5534 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(132, 0, 143) }
```


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

```
.border{ border-color:rgb(132, 0, 143) }
```

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

Here you see how a box with a 4 pixel rgb(132, 0, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 0, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 0, 143);  
box-shadow:4px 4px 4px 4px rgb(132, 0,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4736, 6.8887, 26.5534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 0, 143) }
```

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

```
.background{ background-color: rgb(132, 0,  
143) }
```

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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