

Converting Colors

XYZ(26.6606, 20.9011, 30.7136)

Have a look what the booklet for
XYZ(26.6606, 20.9011, 30.7136)
contains.

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Color

**XYZ(26.7514, 20.9783,
30.6562)**

Conversions

Conversions Part 1

Format	Color
Hex	A86B94
RGB	168, 107, 148
RGB Percent	66%, 42%, 58%
CMY	0.3412, 0.5804, 0.4196
CMYK	0.00, 0.36, 0.12, 0.34
HSL	320°, 26%, 54%
HSV	320°, 36%, 66%
XYZ	26.7514, 20.9783, 30.6562
YIQ	129.9130, 23.1950, 25.6830

Conversions

Conversions Part 2

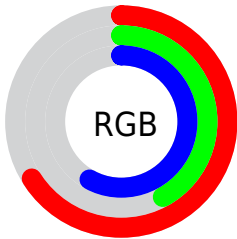
Format	Color
R _Y B	168, 107, 148
Decimal	11037588
CIE Lab	52.93, 30.58, -12.25
CIE LCh	53, 32.939, 338.174
Yxy	20.9783, 0.3413, 0.2676
Android (android.graphics.Color)	4289227668 (0xFFA86B94)
YUV	129.9130, 8.9169, 33.4023
Hunter-Lab	45.8021, 24.1020, -7.6225

Details

The XYZ color **26.7514, 20.9783, 30.6562** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.8977, 32.6639, 25.1253**, and the grayscale version is **21.1516, 22.2532, 24.2337**.

A 20% lighter version of the original color is **53.7993, 44.9078, 61.7097**, and **10.7410, 7.5340, 12.1974** is the 20% darker color. If you saturate the color by 10%, you get **24.7415, 17.6395, 27.8861**, and if you desaturate by 10%, it is **29.1236, 25.0079, 33.6500**.

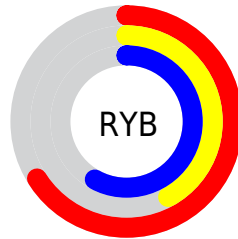
Distribution



Red (66%)

Green (42%)

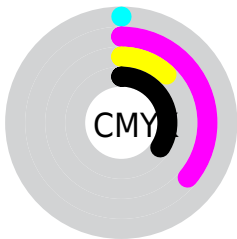
Blue (58%)



Red (66%)

Yellow (42%)

Blue (58%)

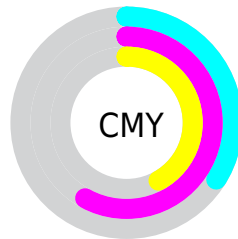


Cyan (0%)

Magenta (36%)

Yellow (12%)

Black (34%)



Cyan (34%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7514, 20.9783, 30.6562 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 26.7514, 20.9783, 30.6562 by changing the saturation by 10% instead.

■ 26.7514, 20.9783,
30.6562

■ 26.7514, 20.9783,
30.6562

278.6410,
257.1631, 319.2533

■ 17.5222, 13.1081,
20.0809

■ 53.9074, 45.0514,
61.7716

■ 10.7051, 7.5031,
12.2692

■ 72.5649, 62.0232,
83.1488

■ 5.9347, 3.7786,
6.8025

■ 95.0960, 82.7976,
108.9638

■ 2.8457, 1.5505,
3.2624

■ 121.8658,
107.7590, 139.6350

■ 1.0727, 0.3239,
1.2301

153.2399,
137.2919, 175.5810

■ 0.0021, 0.0000,
0.0035

189.5836,

■ 0.0000, 0.0000,

171.7806, 217.2204

0.0000

231.2621,
211.6096, 264.9716

■ 26.7514, 20.9783,
30.6562

■ 26.7514, 20.9783,
30.6562

■ 24.7415, 17.6395,
27.8861

■ 29.1236, 25.0079,
33.6500

■ 23.0719, 14.9489,
25.3301

■ 31.8747, 29.7619,
36.8736

■ 21.7212, 12.8637,
22.9800


■ 35.0225, 35.2752,
40.3345


■ 20.6645, 11.3348,
20.8260

■ 38.5831, 41.5796,
44.0395


■ 19.8731, 10.3050,
18.8570


■ 42.5717, 48.7049,
47.9950


 19.3075, 9.6962,
17.0583

 47.0026, 56.6796,
52.2069

 19.1244, 9.5152,
16.4264

 51.8896, 65.5307,
56.6811

 57.2458, 75.2841,
61.4233

 62.0529, 83.9026,
66.0951

Harmonies

Analogous

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



24.3256, 20.9783, 41.2636



26.7514, 20.9783, 30.6562



27.2508, 20.9783, 20.2462

Triad

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



26.7514, 20.9783, 30.6562



19.0111, 20.9783, 8.7274



15.1667, 20.9783, 36.7070

Complementary

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



26.7514, 20.9783, 30.6562



23.8977, 32.6639, 25.1253

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.



14.0686, 20.9783, 25.6503



26.7514, 20.9783, 30.6562



16.1147, 20.9783, 10.9273

Square

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



26.7514, 20.9783, 30.6562



22.5080, 20.9783, 9.3573



14.3945, 20.9783, 16.4828



17.5738, 20.9783, 45.4004

Rectangle

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



26.7514, 20.9783, 30.6562



26.3756, 20.9783, 14.9962



14.3945, 20.9783, 16.4828



14.6457, 20.9783, 33.0347

Sweetspot

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



26.7520, 20.9793, 30.6566



60.6654, 58.9390, 70.0639



20.9774, 17.8034, 39.3768



13.0634, 12.5679, 15.0955



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.7520, 20.9793, 30.6566



45.4036, 32.8412, 51.3318



24.6878, 20.1536, 19.7866



7.7357, 7.6242, 8.9255



14.4662, 7.1952, 12.5326



0.3740, 0.1839, 0.4210

Inverse Universe

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



26.7520, 20.9793, 30.6566



45.4036, 32.8412, 51.3318



26.1369, 33.5596, 36.9169



7.7357, 7.6242, 8.9255



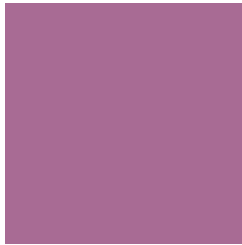
14.4662, 7.1952, 12.5326



0.3740, 0.1839, 0.4210

Previews

White Background



This preview shows how the XYZ color 26.7514, 20.9783, 30.6562 looks on a white background.

Color Contrast Check

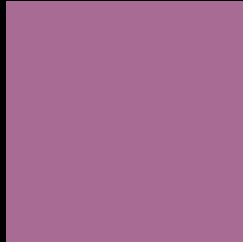
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7514, 20.9783, 30.6562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

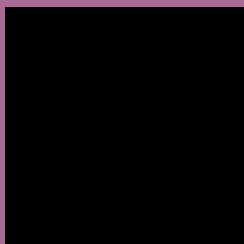
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7514, 20.9783, 30.6562

Background



This preview shows how black text looks on a background with the XYZ color 26.7514, 20.9783, 30.6562.



This preview shows how white text looks on a background with the XYZ color 26.7514, 20.9783,

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

26.7514, 20.9783, 30.6562

Protanopia

21.2379, 21.0920, 36.6700

Deuteranopia

21.5244, 21.2055, 29.7467



Tritanopia

24.7624, 20.9681, 20.8313

Trichromacy



Original Color

26.7514, 20.9783, 30.6562

Protanomaly

22.6325, 20.5914, 34.2342

Deuteranomaly

23.1683, 20.9615, 30.0190

Tritanomaly

25.3985, 20.8975, 24.1677

Monochromacy



Original Color

26.7514, 20.9783, 30.6562

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.9765, 21.6545, 26.6357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7514, 20.9783, 30.6562 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(168, 107, 148)` looks like.

```
.text, #text, p{  
    color:rgb(168, 107, 148)  
}
```

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(168, 107, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 107, 148) }
```

Border

The CSS property to change the border of an element to XYZ 26.7514, 20.9783, 30.6562 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(168, 107, 148) }
```


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

```
.border{ border-color:rgb(168, 107, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 107, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 107, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 107, 148);  
box-shadow:4px 4px 4px 4px rgb(168, 107,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7514, 20.9783, 30.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 107, 148) }
```

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

```
.background{ background-color: rgb(168,  
107, 148) }
```

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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