

Converting Colors

XYZ(40.4526, 30.7511, 31.8204)

Have a look what the booklet for
XYZ(40.4526, 30.7511, 31.8204)
contains.

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Color

**XYZ(40.4526, 30.7511,
31.8204)**

Conversions

Conversions Part 1

Format	Color
Hex	D77B94
RGB	215, 123, 148
RGB Percent	84%, 48%, 58%
CMY	0.1569, 0.5176, 0.4196
CMYK	0.00, 0.43, 0.31, 0.16
HSL	344°, 53%, 66%
HSV	344°, 43%, 84%
XYZ	40.4526, 30.7511, 31.8204
YIQ	153.3580, 46.8070, 27.2790

Conversions

Conversions Part 2

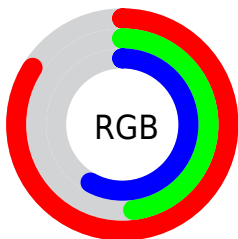
Format	Color
R _Y B	215, 123, 148
Decimal	14121876
CIE Lab	62.30, 38.62, 2.27
CIE LCh	62, 38.682, 3.367
Yxy	30.7511, 0.3927, 0.2985
Android (android.graphics.Color)	4292311956 (0xFFD77B94)
YUV	153.3580, -2.6415, 54.0600
Hunter-Lab	55.4537, 33.1691, 4.7958

Details

The XYZ color **40.4526, 30.7511, 31.8204** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.7646, 56.5303, 57.4285**, and the grayscale version is **30.4319, 32.0168, 34.8662**.

A 20% lighter version of the original color is **67.6228, 56.9685, 63.3090**, and **18.5756, 12.7669, 12.7945** is the 20% darker color. If you saturate the color by 10%, you get **36.9157, 25.5283, 24.9346**, and if you desaturate by 10%, it is **44.7446, 37.2152, 39.7858**.

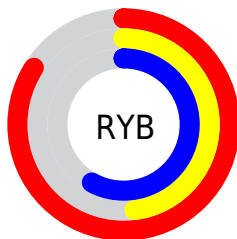
Distribution



Red (84%)

Green (48%)

Blue (58%)



Red (84%)

Yellow (48%)

Blue (58%)

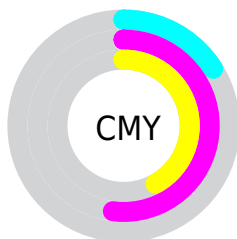


Cyan (0%)

Magenta (43%)

Yellow (31%)

Black (16%)



Cyan (16%)


Magenta (52%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4526, 30.7511, 31.8204 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 40.4526, 30.7511, 31.8204 by changing the saturation by 10% instead.


 40.4526, 30.7511,
31.8204


 40.4526, 30.7511,
31.8204


339.1293,
305.3900, 324.7678


 28.0774, 20.4094,
20.9607


 75.1322, 60.8480,
63.6241

 18.5248, 12.6930,
12.9043

 98.1673, 81.3720,
85.4051

 11.4293, 7.2175,
7.2327


 125.4864,
106.0588, 111.6636

 6.4258, 3.5985,
3.5274

157.4548,
135.2929, 142.8182

 3.1488, 1.4516,
1.3698

194.4380,
169.4587, 179.2873

 1.2329, 0.2543,
0.1180

236.8012,

 0.1321, 0.0000,

208.9406, 221.4896

0.0000

284.9099,
254.1229, 269.8436

■ 0.0000, 0.0000,
0.0000

■ 40.4526, 30.7511,
31.8204

■ 40.4526, 30.7511,
31.8204

■ 36.9157, 25.5283,
24.9346

■ 44.7446, 37.2152,
39.7858

■ 34.0858, 21.4622,
19.0784

■ 49.8306, 44.9892,
48.8739

■ 31.9133, 18.4646,
14.2004


■ 55.7499, 54.1418,
59.1277


■ 30.3405, 16.4323,
10.2436


■ 62.5384, 64.7358,
70.5872

■ 29.2988, 15.2417,
7.1439

■ 70.2300, 76.8298,
83.2906

 28.7988, 14.7569,
5.3892

 78.8564, 90.4796,
97.2743

 81.8344, 93.1871,
108.2815

Harmonies

Analogous

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



39.1638, 30.7511, 48.1136



40.4526, 30.7511, 31.8204



38.4507, 30.7511, 20.0158

Triad

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



40.4526, 30.7511, 31.8204



24.0415, 30.7511, 14.7380



24.9503, 30.7511, 66.3649

Complementary

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



40.4526, 30.7511, 31.8204



41.7646, 56.5303, 57.4285

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.



21.6123, 30.7511, 51.9395



40.4526, 30.7511, 31.8204



21.1332, 30.7511, 22.1665

Square

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



40.4526, 30.7511, 31.8204



28.6416, 30.7511, 12.1849



20.2993, 30.7511, 35.2019



29.8223, 30.7511, 71.2190

Rectangle

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



40.4526, 30.7511, 31.8204



35.6443, 30.7511, 15.2891



20.2993, 30.7511, 35.2019



23.6320, 30.7511, 62.2988

Sweetspot

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



40.4534, 30.7526, 31.8210



81.7250, 79.1843, 86.4721



40.3196, 29.8842, 67.9333



17.0557, 16.2710, 17.7592



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



40.4534, 30.7526, 31.8210



54.9374, 38.4626, 37.9169



41.4131, 35.5036, 23.4110



12.5605, 12.4757, 13.6257



17.2634, 8.8417, 3.4251



1.0760, 0.5472, 0.3897

Inverse Universe

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



40.4534, 30.7526, 31.8210



54.9374, 38.4626, 37.9169



39.9654, 48.1785, 71.4831



12.5605, 12.4757, 13.6257



17.2634, 8.8417, 3.4251



1.0760, 0.5472, 0.3897

Previews

White Background



This preview shows how the XYZ color 40.4526, 30.7511, 31.8204 looks on a white background.

Color Contrast Check

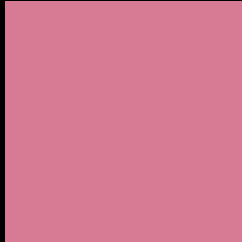
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 40.4526, 30.7511, 31.8204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

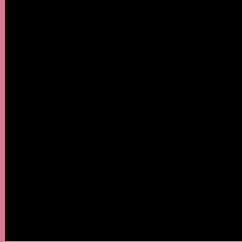
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4526, 30.7511, 31.8204

Background



This preview shows how black text looks on a background with the XYZ color 40.4526, 30.7511, 31.8204.



This preview shows how white text looks on a background with the XYZ color 40.4526, 30.7511,

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

40.4526, 30.7511, 31.8204

Protanopia

30.1849, 30.9771, 39.5102

Deuteranopia

31.4614, 30.8962, 30.6909



Tritanopia

39.4383, 30.7126, 26.7712

Trichromacy



Original Color

40.4526, 30.7511, 31.8204

Protanomaly

33.0052, 30.2235, 36.4419

Deuteranomaly

34.2069, 30.5356, 30.8791

Tritanomaly

39.6728, 30.6049, 28.6273

Monochromacy



Original Color

40.4526, 30.7511, 31.8204

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.1634, 30.8105, 33.4773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4526, 30.7511, 31.8204 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(215, 123, 148)` looks like.

```
.text, #text, p{  
    color:rgb(215, 123, 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(215, 123, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 123, 148) }
```

Border

The CSS property to change the border of an element to XYZ 40.4526, 30.7511, 31.8204 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(215, 123, 148) }
```


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

```
.border{ border-color:rgb(215, 123, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 123, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 123, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 123, 148); box-shadow:4px 4px 4px 4px rgb(215, 123, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4526, 30.7511, 31.8204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 123, 148) }
```

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

```
.background{ background-color: rgb(215,  
123, 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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