

Converting Colors

XYZ(30.7660, 26.3348, 24.8748)

Have a look what the booklet for
XYZ(30.7660, 26.3348, 24.8748)
contains.

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Color

**XYZ(30.7218, 26.2510,
24.9205)**

Conversions

Conversions Part 1

Format	Color
Hex	B67D83
RGB	182, 125, 131
RGB Percent	71%, 49%, 51%
CMY	0.2863, 0.5098, 0.4863
CMYK	0.00, 0.31, 0.28, 0.29
HSL	354°, 28%, 60%
HSV	354°, 31%, 71%
XYZ	30.7218, 26.2510, 24.9205
YIQ	142.7270, 32.0460, 13.9500

Conversions

Conversions Part 2

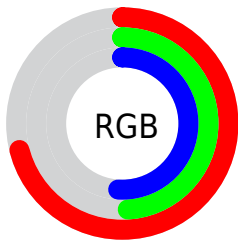
Format	Color
R_{YB}	182, 125, 131
Decimal	11959683
CIE _{Lab}	58.27, 22.99, 5.72
CIE _{LCh}	58, 23.693, 13.973
Yxy	26.2510, 0.3751, 0.3206
Android (android.graphics.Color)	4290149763 (0xFFB67D83)
YUV	142.7270, -5.7814, 34.4424
Hunter-Lab	51.2357, 17.3691, 7.0270

Details

The XYZ color **30.7218, 26.2510, 24.9205** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.0230, 40.9512, 47.2402**, and the grayscale version is **26.0136, 27.3683, 29.8041**.

A 20% lighter version of the original color is **60.1687, 53.6522, 52.5321**, and **12.9412, 10.2305, 9.2753** is the 20% darker color. If you saturate the color by 10%, you get **27.6070, 21.6511, 18.8581**, and if you desaturate by 10%, it is **34.4337, 31.7671, 32.0385**.

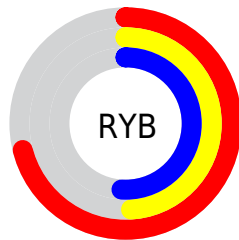
Distribution



Red (71%)

Green (49%)

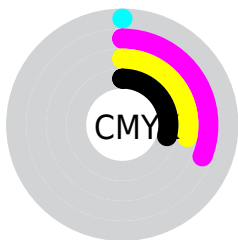
Blue (51%)



Red (71%)

Yellow (49%)

Blue (51%)

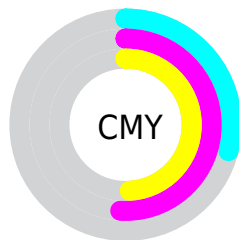


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (29%)



Cyan (29%)

Magenta (51%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7218, 26.2510, 24.9205 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 30.7218, 26.2510, 24.9205 by changing the saturation by 10% instead.


 30.7218, 26.2510,
24.9205


 30.7218, 26.2510,
24.9205


297.1044,
284.0121, 290.8768


 20.5379, 17.0115,
15.7994


 60.1806, 53.6796,
52.4907

 12.8972, 10.2427,
9.2295


 80.1863, 72.6375,
71.7769

 7.4343, 5.5602,
4.7923

 104.1965, 95.6036,
95.2885

 3.7839, 2.5795,
2.0693

132.5767,
122.9624, 123.4441

 1.5806, 0.9164,
0.5974

165.6923,
155.0983, 156.6622

 0.3797, 0.0000,
0.0000

203.9085,

 0.0000, 0.0000,

192.3956, 195.3613

0.0000

247.5908,
235.2387, 239.9600

■ 30.7218, 26.2510,
24.9205

■ 30.7218, 26.2510,
24.9205

■ 27.6070, 21.6511,
18.8581

■ 34.4337, 31.7671,
32.0385

■ 25.0561, 17.9142,
13.7993

■ 38.7694, 38.2414,
40.2574

■ 23.0356, 14.9876,
9.6905

■ 43.7567, 45.7177,
49.6217

■ 21.5079, 12.8111,
6.4718

■ 49.4210, 54.2361,
60.1732

■ 20.4303, 11.3161,
4.0772

■ 55.7863, 63.8344,
71.9513

■ 19.7525, 10.4214,
2.4307

■ 62.8754, 74.5486,
84.9938

■ 19.4103, 9.9927,
1.5285

■ 70.7103, 86.4130,
99.3369

■ 73.1015, 88.6851,
107.8728

Harmonies

Analogous

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



30.6628, 26.2510, 33.1905



30.7218, 26.2510, 24.9205



29.1535, 26.2510, 18.9218

Triad

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



30.7218, 26.2510, 24.9205



21.2987, 26.2510, 18.6182



23.4524, 26.2510, 46.7037

Complementary

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



30.7218, 26.2510, 24.9205



33.0230, 40.9512, 47.2402

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.



21.1727, 26.2510, 41.0741



30.7218, 26.2510, 24.9205



19.9962, 26.2510, 24.4227

Square

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



30.7218, 26.2510, 24.9205



23.6369, 26.2510, 15.7860



19.9519, 26.2510, 32.5876



26.3125, 26.2510, 46.9081

Rectangle

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



30.7218, 26.2510, 24.9205



27.4613, 26.2510, 16.5655



19.9519, 26.2510, 32.5876



22.5981, 26.2510, 45.3406

Sweetspot

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



30.7225, 26.2522, 24.9210



72.1432, 72.1077, 76.4812



33.5358, 27.2004, 47.7389



15.6576, 15.5122, 16.3712



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.7225, 26.2522, 24.9210



51.4584, 41.3258, 36.9458



33.4044, 32.2477, 23.8674



9.0420, 9.0272, 9.5686



13.7197, 7.0616, 1.1446



0.4964, 0.2540, 0.1076

Inverse Universe

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



30.7225, 26.2522, 24.9210



51.4584, 41.3258, 36.9458



29.4988, 32.9321, 49.0580



9.0420, 9.0272, 9.5686



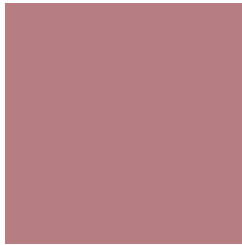
13.7197, 7.0616, 1.1446



0.4964, 0.2540, 0.1076

Previews

White Background



This preview shows how the XYZ color 30.7218, 26.2510, 24.9205 looks on a white background.

Color Contrast Check

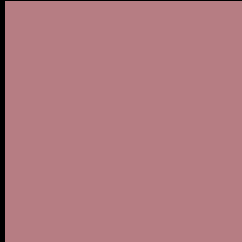
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7218, 26.2510, 24.9205 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 30.7218, 26.2510, 24.9205

Background



This preview shows how black text looks on a background with the XYZ color 30.7218, 26.2510, 24.9205.



This preview shows how white text looks on a background with the XYZ color 30.7218, 26.2510,

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

30.7218, 26.2510, 24.9205

Protanopia

25.3660, 26.4599, 28.1964

Deuteranopia

26.7270, 26.1820, 24.4139



Tritanopia

30.9281, 26.3335, 26.0071

Trichromacy



Original Color

30.7218, 26.2510, 24.9205

Protanomaly

27.0125, 26.2736, 26.9402

Deuteranomaly

28.0819, 26.0598, 24.6691

Tritanomaly

30.8587, 26.3058, 25.6414

Monochromacy



Original Color

30.7218, 26.2510, 24.9205

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.3690, 26.6405, 28.1257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7218, 26.2510, 24.9205 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(182, 125, 131)` looks like.

```
.text, #text, p{  
    color:rgb(182, 125, 131)  
}
```

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(182, 125, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 125, 131) }
```

Border

The CSS property to change the border of an element to XYZ 30.7218, 26.2510, 24.9205 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(182, 125, 131) }
```


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

```
.border{ border-color:rgb(182, 125, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 125, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 125, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 125, 131);  
box-shadow:4px 4px 4px 4px rgb(182, 125,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7218, 26.2510, 24.9205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 125, 131) }
```

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

```
.background{ background-color: rgb(182,  
125, 131) }
```

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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