

Converting Colors

XYZ(30.5125, 26.0292, 21.4843)

Have a look what the booklet for
XYZ(30.5125, 26.0292, 21.4843)
contains.

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Color

**XYZ(30.4260, 25.9861,
21.5014)**

Conversions

Conversions Part 1

Format	Color
Hex	B87C79
RGB	184, 124, 121
RGB Percent	72%, 49%, 47%
CMY	0.2784, 0.5137, 0.5255
CMYK	0.00, 0.33, 0.34, 0.28
HSL	3°, 31%, 60%
HSV	3°, 34%, 72%
XYZ	30.4260, 25.9861, 21.5014
YIQ	141.5980, 36.7230, 11.7870

Conversions

Conversions Part 2

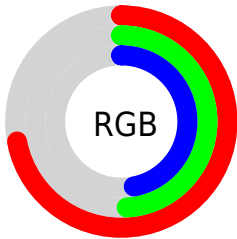
Format	Color
RYB	184, 124, 121
Decimal	12090489
CIELab	58.02, 22.97, 11.16
CIELCh	58, 25.536, 25.918
Yxy	25.9861, 0.3905, 0.3335
Android (android.graphics.Color)	4290280569 (0xFFB87C79)
YUV	141.5980, -10.1548, 37.1866
Hunter-Lab	50.9766, 17.3310, 10.6757

Details

The XYZ color **30.4260, 25.9861, 21.5014** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.0602, 40.5720, 51.4362**, and the grayscale version is **25.5817, 26.9139, 29.3092**.

A 20% lighter version of the original color is **59.5406, 53.1622, 46.6584**, and **12.7046, 10.0457, 7.5727** is the 20% darker color. If you saturate the color by 10%, you get **27.3992, 21.5693, 15.4464**, and if you desaturate by 10%, it is **34.0596, 31.2719, 28.8210**.

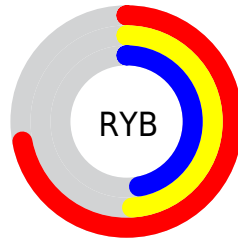
Distribution



Red (72%)

Green (49%)

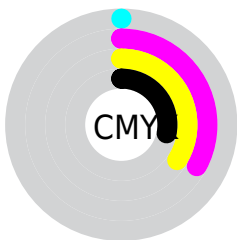
Blue (47%)



Red (72%)

Yellow (49%)

Blue (47%)

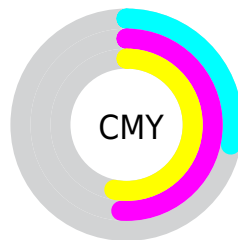


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (28%)



Cyan (28%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4260, 25.9861, 21.5014 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 30.4260, 25.9861, 21.5014 by changing the saturation by 10% instead.

■ 30.4260, 25.9861,
21.5014

■ 30.4260, 25.9861,
21.5014

295.7594,
282.7138, 272.7993

■ 20.3118, 16.8132,
13.2962

■ 59.7172, 53.2525,
46.8121

■ 12.7315, 10.1014,
7.4997

■ 79.6250, 72.1149,
64.7547

■ 7.3196, 5.4663,
3.6934

■ 103.5281, 94.9758,
86.7801

■ 3.7109, 2.5233,
1.4587

131.7917,
122.2198, 113.3070

■ 1.5399, 0.8883,
0.1869

164.7813,
154.2312, 144.7538

■ 0.3528, 0.0000,
0.0000

202.8622,

■ 0.0000, 0.0000,

191.3944, 181.5391

0.0000

246.3998,
234.0938, 224.0814

■ 30.4260, 25.9861,
21.5014

■ 30.4260, 25.9861,
21.5014

■ 27.3992, 21.5693,
15.4464

■ 34.0596, 31.2719,
28.8210

■ 24.9443, 17.9716,
10.5830

■ 38.3284, 37.4657,
37.4695

■ 23.0258, 15.1436,
6.8330


■ 43.2615, 44.6088,
47.5089


■ 21.6036, 13.0292,
4.1082


■ 48.8856, 52.7387,
58.9967


■ 20.6317, 11.5646,
2.3072


■ 55.2258, 61.8909,
71.9870

 20.0560, 10.6749,
1.3080

 62.3061, 72.0994,
86.5314

 19.8624, 10.3808,
0.9568

 70.1494, 83.3962,
102.6789

 73.5772, 88.9304,
107.8951

Harmonies

Analogous

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



31.0990, 25.9861, 29.5208



30.4260, 25.9861, 21.5014



28.1735, 25.9861, 16.4301

Triad

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



30.4260, 25.9861, 21.5014



20.1057, 25.9861, 19.8042



24.2792, 25.9861, 48.8411

Complementary

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



30.4260, 25.9861, 21.5014



33.0602, 40.5720, 51.4362

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.



21.5226, 25.9861, 44.8209



30.4260, 25.9861, 21.5014



19.2434, 25.9861, 27.1025

Square

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



30.4260, 25.9861, 21.5014



22.1966, 25.9861, 15.6029



19.7399, 25.9861, 36.3859



27.3827, 25.9861, 46.4841

Rectangle

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



30.4260, 25.9861, 21.5014



26.1702, 25.9861, 14.8112



19.7399, 25.9861, 36.3859



23.2840, 25.9861, 48.1718

Sweetspot

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



30.4267, 25.9873, 21.5019



72.9733, 72.9769, 75.0227



35.0379, 27.2386, 47.6128



15.4688, 15.3517, 15.6389



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.



30.4267, 25.9873, 21.5019



50.9683, 40.9998, 30.5921



34.8734, 34.8808, 22.9842



9.0380, 9.0790, 9.3830



13.7039, 7.1841, 0.6644



0.4948, 0.2766, 0.0273

Inverse Universe

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



33.0602, 40.5720, 51.4362



56.4527, 71.3982, 93.0105



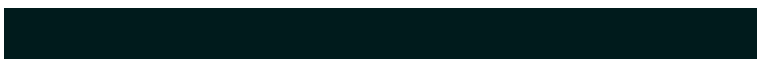
27.5074, 29.4665, 49.5852



9.2290, 10.1352, 11.5493



16.5736, 23.6069, 34.9361



0.5956, 0.8548, 1.2354

Previews

White Background



This preview shows how the XYZ color 30.4260, 25.9861, 21.5014 looks on a white background.

Color Contrast Check

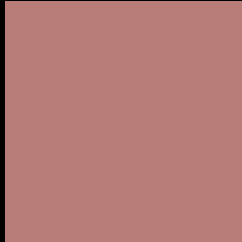
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4260, 25.9861, 21.5014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

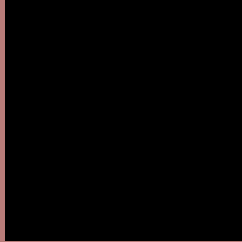
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4260, 25.9861, 21.5014

Background



This preview shows how black text looks on a background with the XYZ color 30.4260, 25.9861, 21.5014.



This preview shows how white text looks on a background with the XYZ color 30.4260, 25.9861,

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

30.4260, 25.9861, 21.5014

Protanopia

24.8721, 26.0700, 24.4900

Deuteranopia

26.6917, 26.2369, 21.1102



Tritanopia

31.1320, 25.8993, 25.1880

Trichromacy



Original Color

30.4260, 25.9861, 21.5014

Protanomaly

26.5891, 25.9275, 23.3418

Deuteranomaly

27.8687, 26.0237, 21.3235

Tritanomaly

30.9868, 26.0387, 23.8149

Monochromacy



Original Color

30.4260, 25.9861, 21.5014

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.8717, 26.2173, 26.1984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4260, 25.9861, 21.5014 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(184, 124, 121)` looks like.

```
.text, #text, p{  
    color:rgb(184, 124, 121)  
}
```

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(184, 124, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 124, 121) }
```

Border

The CSS property to change the border of an element to XYZ 30.4260, 25.9861, 21.5014 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(184, 124, 121) }
```


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

```
.border{ border-color:rgb(184, 124, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 124, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 124, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 124, 121);  
box-shadow:4px 4px 4px 4px rgb(184, 124,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4260, 25.9861, 21.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 124, 121) }
```

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

```
.background{ background-color: rgb(184,  
124, 121) }
```

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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