

Converting Colors

XYZ(30.7763, 25.8991, 25.2067)

Have a look what the booklet for
XYZ(30.7763, 25.8991, 25.2067)
contains.

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Color

**XYZ(30.7763, 25.8991,
25.2067)**

Conversions

Conversions Part 1

Format	Color
Hex	B77B84
RGB	183, 123, 132
RGB Percent	72%, 48%, 52%
CMY	0.2824, 0.5176, 0.4823
CMYK	0.00, 0.33, 0.28, 0.28
HSL	351°, 29%, 60%
HSV	351°, 33%, 72%
XYZ	30.7763, 25.8991, 25.2067
YIQ	141.9660, 32.8710, 15.5190

Conversions

Conversions Part 2

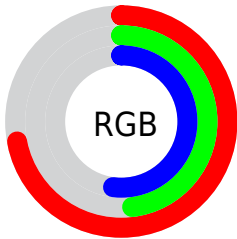
Format	Color
R_{YB}	183, 123, 132
Decimal	12024708
CIE _{Lab}	57.94, 24.63, 4.68
CIE _{LCh}	58, 25.073, 10.758
Yxy	25.8991, 0.3759, 0.3163
Android (android.graphics.Color)	4290214788 (0xFFB77B84)
YUV	141.9660, -4.9132, 35.9868
Hunter-Lab	50.8912, 18.8879, 6.2571

Details

The XYZ color **30.7763, 25.8991, 25.2067** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.7430, 41.1347, 46.2606**, and the grayscale version is **25.7080, 27.0468, 29.4540**.

A 20% lighter version of the original color is **60.2175, 53.0787, 52.9704**, and **12.8460, 9.9788, 9.4327** is the 20% darker color. If you saturate the color by 10%, you get **27.7284, 21.3817, 19.3246**, and if you desaturate by 10%, it is **34.4087, 31.3311, 32.0674**.

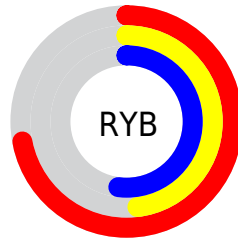
Distribution



Red (72%)

Green (48%)

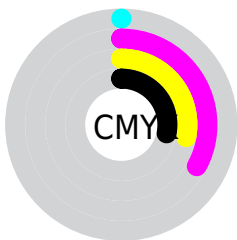
Blue (52%)



Red (72%)

Yellow (48%)

Blue (52%)

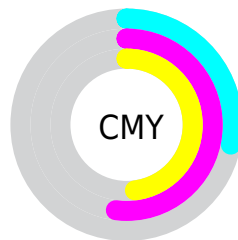


Cyan (0%)

Magenta (33%)

Yellow (28%)

Black (28%)



Cyan (28%)


Magenta (52%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7763, 25.8991, 25.2067 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 30.7763, 25.8991, 25.2067 by changing the saturation by 10% instead.


 30.7763, 25.8991,
25.2067


 30.7763, 25.8991,
25.2067


297.3517,
282.2864, 292.3463


 20.5796, 16.7482,
16.0107


 60.2659, 53.1121,
52.9606

 12.9277, 10.0551,
9.3773


 80.2896, 71.9430,
72.3556

 7.4555, 5.4355,
4.8879

 104.3195, 94.7693,
95.9874

 3.7974, 2.5050,
2.1241

132.7212,
121.9755, 124.2744

 1.5882, 0.8791,
0.6300

165.8598,
153.9459, 157.6353

 0.3847, 0.0000,
0.0000

204.1009,

 0.0000, 0.0000,

191.0649, 196.4886

0.0000

247.8098,
233.7170, 241.2527

■ 30.7763, 25.8991,
25.2067

■ 30.7763, 25.8991,
25.2067

■ 27.7284, 21.3817,
19.3246

■ 34.4087, 31.3311,
32.0674

■ 25.2323, 17.7251,
14.3748

■ 38.6519, 37.7204,
39.9469

■ 23.2550, 14.8754,
10.3094


■ 43.5332, 45.1115,
48.8853


■ 21.7593, 12.7712,
7.0757


■ 49.0776, 53.5447,
58.9199

■ 20.7029, 11.3423,
4.6154


■ 55.3086, 63.0586,
70.0861

 20.0358, 10.5047,
2.8621

 62.2489, 73.6893,
82.4178

 19.7316, 10.1485,
1.9827

 69.9197, 85.4717,
95.9476

 73.3386, 88.8074,
107.8839

Harmonies

Analogous

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



30.5188, 25.8991, 34.0462



30.7763, 25.8991, 25.2067



29.2844, 25.8991, 18.6723

Triad

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



30.7763, 25.8991, 25.2067



21.0149, 25.8991, 17.3809



22.7509, 25.8991, 47.0059

Complementary

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



30.7763, 25.8991, 25.2067



32.7430, 41.1347, 46.2606

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.



20.4727, 25.8991, 40.5166



30.7763, 25.8991, 25.2067



19.5286, 25.8991, 23.0641

Square

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



30.7763, 25.8991, 25.2067



23.5478, 25.8991, 14.8087



19.3386, 25.8991, 31.4207



25.7167, 25.8991, 47.9073

Rectangle

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



30.7763, 25.8991, 25.2067



27.5648, 25.8991, 16.0307



19.3386, 25.8991, 31.4207



21.8860, 25.8991, 45.3516

Sweetspot

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



30.7770, 25.9003, 25.2072



71.4022, 70.8473, 75.5511



33.0866, 26.5847, 48.1876



15.5111, 15.2558, 16.2100



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.



30.7770, 25.9003, 25.2072



51.2662, 40.6648, 37.7346



33.0777, 31.4450, 23.0664



9.0580, 9.0336, 9.6530



13.7813, 7.0863, 1.4692



0.5033, 0.2568, 0.1438

Inverse Universe

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



30.7770, 25.9003, 25.2072



51.2662, 40.6648, 37.7346



29.6370, 33.4716, 49.6987



9.0580, 9.0336, 9.6530



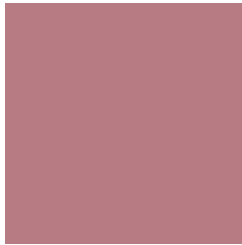
13.7813, 7.0863, 1.4692



0.5033, 0.2568, 0.1438

Previews

White Background



This preview shows how the XYZ color 30.7763, 25.8991, 25.2067 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 30.7763, 25.8991, 25.2067 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 30.7763, 25.8991, 25.2067

Background



This preview shows how black text looks on a background with the XYZ color 30.7763, 25.8991, 25.2067.



This preview shows how white text looks on a background with the XYZ color 30.7763, 25.8991,

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

30.7763, 25.8991, 25.2067

Protanopia

25.1957, 26.1391, 28.9167

Deuteranopia

26.5979, 26.1078, 24.7565



Tritanopia

30.7763, 25.8991, 25.2067

Trichromacy



Original Color

30.7763, 25.8991, 25.2067

Protanomaly

26.8796, 25.7781, 27.6037

Deuteranomaly

27.9389, 25.9783, 25.0145

Tritanomaly

30.7763, 25.8991, 25.2067

Monochromacy



Original Color

30.7763, 25.8991, 25.2067

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.1560, 26.3310, 27.6959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7763, 25.8991, 25.2067 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(183, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(183, 123, 132)  
}
```

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(183, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 123, 132) }
```

Border

The CSS property to change the border of an element to XYZ 30.7763, 25.8991, 25.2067 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(183, 123, 132) }
```


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

```
.border{ border-color:rgb(183, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(183, 123,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7763, 25.8991, 25.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 123, 132) }
```

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

```
.background{ background-color: rgb(183,  
123, 132) }
```

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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