

Converting Colors

XYZ(30.9545, 25.5140, 24.3791)

Have a look what the booklet for
XYZ(30.9545, 25.5140, 24.3791)
contains.

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Color

**XYZ(30.9954, 25.4838,
24.4043)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7882
RGB	186, 120, 130
RGB Percent	73%, 47%, 51%
CMY	0.2706, 0.5294, 0.4902
CMYK	0.00, 0.35, 0.30, 0.27
HSL	351°, 32%, 60%
HSV	351°, 35%, 73%
XYZ	30.9954, 25.4838, 24.4043
YIQ	140.8740, 36.1260, 17.1020

Conversions

Conversions Part 2

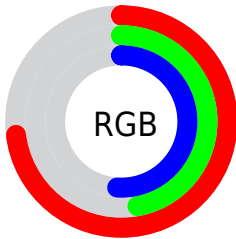
Format	Color
R_{YB}	186, 120, 130
Decimal	12220546
CIE Lab	57.54, 27.16, 5.31
CIE LCh	58, 27.672, 11.067
Yxy	25.4838, 0.3832, 0.3151
Android (android.graphics.Color)	4290410626 (0xFFBA7882)
YUV	140.8740, -5.3609, 39.5755
Hunter-Lab	50.4815, 21.2556, 6.6744

Details

The XYZ color **30.9954, 25.4838, 24.4043** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.1422, 42.2460, 47.4841**, and the grayscale version is **25.2792, 26.5956, 28.9627**.

A 20% lighter version of the original color is **60.7990, 52.5391, 51.7364**, and **13.0354, 9.7997, 8.9891** is the 20% darker color. If you saturate the color by 10%, you get **27.9925, 21.0452, 18.5715**, and if you desaturate by 10%, it is **34.5967, 30.8588, 31.2389**.

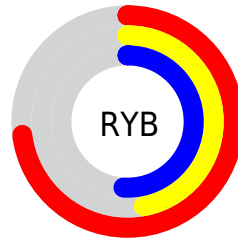
Distribution



Red (73%)

Green (47%)

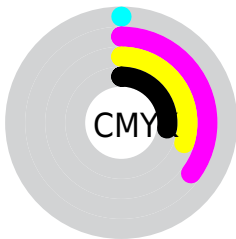
Blue (51%)



Red (73%)

Yellow (47%)

Blue (51%)

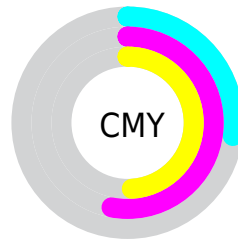


Cyan (0%)

Magenta (35%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9954, 25.4838, 24.4043 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 30.9954, 25.4838, 24.4043 by changing the saturation by 10% instead.


 30.9954, 25.4838,
24.4043


 30.9954, 25.4838,
24.4043


298.3444,
280.2388, 288.2103


 20.7472, 16.4379,
15.4188


 60.6087, 52.4410,
51.6412

 13.0507, 9.8345,
8.9640


 80.7045, 71.1211,
70.7298

 7.5407, 5.2894,
4.6212


 104.8135, 93.7813,
94.0231

 3.8518, 2.4180,
1.9720

133.3011,
120.8061, 121.9397

 1.6186, 0.8351,
0.5380

166.5326,
152.5799, 154.8982

 0.4045, 0.0000,
0.0000

204.8735,

 0.0000, 0.0000,

189.4870, 193.3171

0.0000

248.6889,
231.9118, 237.6150

■ 30.9954, 25.4838,
24.4043

■ 30.9954, 25.4838,
24.4043

■ 27.9925, 21.0452,
18.5715

■ 34.5967, 30.8588,
31.2389

■ 25.5533, 17.4859,
13.6916

■ 38.8245, 37.2158,
39.1178

■ 23.6426, 14.7483,
9.7140


■ 43.7075, 44.6017,
48.0831


■ 22.2205, 12.7661,
6.5826


■ 49.2722, 53.0594,
58.1740


■ 21.2412, 11.4630,
4.2350


■ 55.5433, 62.6294,
69.4277

 20.6488, 10.7447,
2.5995

 62.5447, 73.3500,
81.8797

 20.4613, 10.5238,
2.0623

 70.2988, 85.2578,
95.5642

 74.0597, 89.1791,
107.9177

Harmonies

Analogous

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



30.7307, 25.4838, 34.0690



30.9954, 25.4838, 24.4043



29.3256, 25.4838, 17.4424

Triad

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



30.9954, 25.4838, 24.4043



20.2888, 25.4838, 16.1810



22.2212, 25.4838, 48.7226

Complementary

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



30.9954, 25.4838, 24.4043



33.1422, 42.2460, 47.4841

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.



19.7470, 25.4838, 41.4747



30.9954, 25.4838, 24.4043



18.7033, 25.4838, 22.2608

Square

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



30.9954, 25.4838, 24.4043



23.0242, 25.4838, 13.4647



18.5144, 25.4838, 31.3829



25.4598, 25.4838, 49.6673

Rectangle

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



30.9954, 25.4838, 24.4043



27.4217, 25.4838, 14.6918



18.5144, 25.4838, 31.3829



21.2806, 25.4838, 46.8767

Sweetspot

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



30.9961, 25.4850, 24.4048



74.0284, 72.9780, 77.6439



33.2594, 26.0934, 49.7379



16.0421, 15.6777, 16.6198



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.9961, 25.4850, 24.4048



51.6252, 39.4506, 35.4044



33.3137, 31.1423, 22.0262



9.0586, 9.0338, 9.6559



13.7837, 7.0872, 1.4818



0.5035, 0.2569, 0.1450

Inverse Universe

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



30.9961, 25.4850, 24.4048



51.6252, 39.4506, 35.4044



29.8851, 34.0901, 51.4592



9.0586, 9.0338, 9.6559



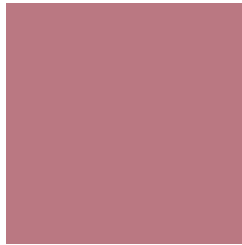
13.7837, 7.0872, 1.4818



0.5035, 0.2569, 0.1450

Previews

White Background



This preview shows how the XYZ color 30.9954, 25.4838, 24.4043 looks on a white background.

Color Contrast Check

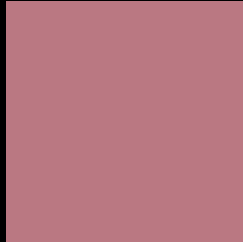
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9954, 25.4838, 24.4043 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 30.9954, 25.4838, 24.4043

Background



This preview shows how black text looks on a background with the XYZ color 30.9954, 25.4838, 24.4043.



This preview shows how white text looks on a background with the XYZ color 30.9954, 25.4838,

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

30.9954, 25.4838, 24.4043

Protanopia

24.8066, 25.7331, 28.4705

Deuteranopia

26.1317, 25.6766, 24.0009



Tritanopia

30.9286, 25.4570, 24.0525

Trichromacy



Original Color

30.9954, 25.4838, 24.4043

Protanomaly

26.4649, 25.1783, 26.7576

Deuteranomaly

27.7491, 25.5010, 24.2285

Tritanomaly

30.9286, 25.4570, 24.0525

Monochromacy



Original Color

30.9954, 25.4838, 24.4043

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.8075, 25.7493, 27.2241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9954, 25.4838, 24.4043 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(186, 120, 130)` looks like.

```
.text, #text, p{  
    color:rgb(186, 120, 130)  
}
```

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(186, 120, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 120, 130) }
```

Border

The CSS property to change the border of an element to XYZ 30.9954, 25.4838, 24.4043 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(186, 120, 130) }
```


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

```
.border{ border-color:rgb(186, 120, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 120, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 120, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 120, 130);  
box-shadow:4px 4px 4px 4px rgb(186, 120,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9954, 25.4838, 24.4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 120, 130) }
```

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

```
.background{ background-color: rgb(186,  
120, 130) }
```

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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