

Converting Colors

XYZ(30.3797, 24.2470, 22.0269)

Have a look what the booklet for
XYZ(30.3797, 24.2470, 22.0269)
contains.

XYZ(30.3944, 24.1812, 22.1343)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.3944, 24.1812,
22.1343)**

Conversions

Conversions Part 1

Format	Color
Hex	BC727C
RGB	188, 114, 124
RGB Percent	74%, 45%, 49%
CMY	0.2627, 0.5529, 0.5137
CMYK	0.00, 0.39, 0.34, 0.26
HSL	352°, 36%, 59%
HSV	352°, 39%, 74%
XYZ	30.3944, 24.1812, 22.1343
YIQ	137.2660, 40.8940, 18.7980

Conversions

Conversions Part 2

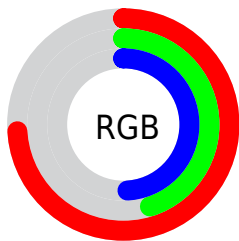
Format	Color
R_{YB}	188, 114, 124
Decimal	12350076
CIE _{Lab}	56.27, 30.41, 7.00
CIE _{LCh}	56, 31.211, 12.968
Yxy	24.1812, 0.3962, 0.3152
Android (android.graphics.Color)	4290540156 (0xFFBC727C)
YUV	137.2660, -6.5401, 44.4937
Hunter-Lab	49.1744, 24.2746, 7.7345

Details

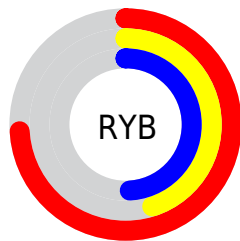
The XYZ color **30.3944, 24.1812, 22.1343** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.9596, 42.7587, 48.6377**, and the grayscale version is **23.8922, 25.1365, 27.3736**.

A 20% lighter version of the original color is **59.6612, 50.3649, 47.6512**, and **12.6191, 9.0803, 7.7442** is the 20% darker color. If you saturate the color by 10%, you get **27.5427, 19.9900, 16.5219**, and if you desaturate by 10%, it is **33.8528, 29.3142, 28.7860**.

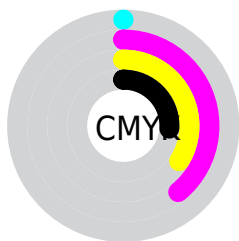
Distribution



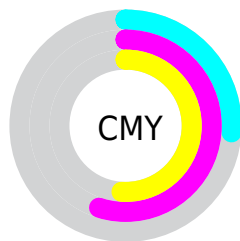
- Red (74%)
- Green (45%)
- Blue (49%)



- Red (74%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (39%)
- Yellow (34%)
- Black (26%)





- Cyan (26%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3944, 24.1812, 22.1343 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 30.3944, 24.1812, 22.1343 by changing the saturation by 10% instead.


 30.3944, 24.1812,
22.1343


 30.3944, 24.1812,
22.1343


295.6155,
273.7353, 276.2232


 20.2877, 15.4681,
13.7564


 59.6677, 50.3257,
47.8729


 12.7138, 9.1486,
7.8146


 79.5650, 68.5259,
66.0706

 7.3074, 4.8382,
3.8905


 103.4566, 90.6573,
88.3787

 3.7031, 2.1526,
1.5655

 131.7077,
117.1042, 115.2157

 1.5356, 0.6940,
0.2660

164.6838,
148.2511, 147.0001

 0.3499, 0.0000,
0.0000

202.7503,

 0.0000, 0.0000,

184.4823, 184.1504

0.0000

246.2724,
226.1822, 227.0853

■ 30.3944, 24.1812,
22.1343

■ 30.3944, 24.1812,
22.1343

■ 27.5427, 19.9900,
16.5219

■ 33.8528, 29.3142,
28.7860

■ 25.2606, 16.6799,
11.8947

■ 37.9483, 35.4378,
36.5247

■ 23.5098, 14.1888,
8.1958


■ 42.7115, 42.6016,
45.3964


■ 22.2465, 12.4450,
5.3618


■ 48.1706, 50.8508,
55.4445


■ 21.4198, 11.3641,
3.3212


■ 54.3521, 60.2280,
66.7098

 20.9435, 10.7941,
1.9828

 61.2811, 70.7734,
79.2312

 20.9188, 10.7633,
1.9173

 68.9814, 82.5255,
93.0461

 74.4018, 89.3725,
107.1653

 74.5490, 89.4314,
107.9406

Harmonies

Analogous

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



30.2419, 24.1812, 32.5601



30.3944, 24.1812, 22.1343



28.4183, 24.1812, 15.0153

Triad

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



30.3944, 24.1812, 22.1343



18.5891, 24.1812, 14.3432



21.0188, 24.1812, 50.1388

Complementary

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



30.3944, 24.1812, 22.1343



32.9596, 42.7587, 48.6377

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.



18.2899, 24.1812, 42.2477



30.3944, 24.1812, 22.1343



16.9907, 24.1812, 20.9487

Square

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



30.3944, 24.1812, 22.1343



21.4679, 24.1812, 11.3721



16.8872, 24.1812, 31.0232



24.5689, 24.1812, 50.6989

Rectangle

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



30.3944, 24.1812, 22.1343



26.2685, 24.1812, 12.3454



16.8872, 24.1812, 31.0232



19.9845, 24.1812, 48.1773

Sweetspot

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



30.3950, 24.1824, 22.1348



74.8329, 73.3288, 77.4987



33.2038, 25.0021, 50.6527



15.8457, 15.3976, 16.2070



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.



30.3950, 24.1824, 22.1348



50.6681, 37.3270, 31.4385



33.1405, 30.6343, 20.0874



9.5812, 9.5568, 10.1839



14.2589, 7.3347, 1.3912



0.5757, 0.2942, 0.1451

Inverse Universe

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



30.3950, 24.1824, 22.1348



50.6681, 37.3270, 31.4385



28.9554, 33.0851, 52.4368



9.5812, 9.5568, 10.1839



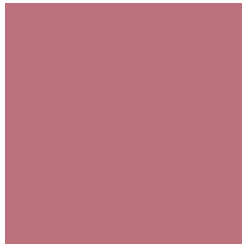
14.2589, 7.3347, 1.3912



0.5757, 0.2942, 0.1451

Previews

White Background



This preview shows how the XYZ color 30.3944, 24.1812, 22.1343 looks on a white background.

Color Contrast Check

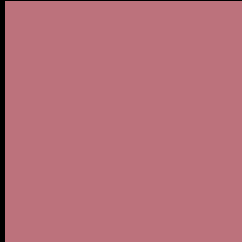
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3944, 24.1812, 22.1343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

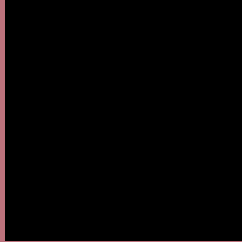
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3944, 24.1812, 22.1343

Background



This preview shows how black text looks on a background with the XYZ color 30.3944, 24.1812, 22.1343.



This preview shows how white text looks on a background with the XYZ color 30.3944, 24.1812,

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

30.3944, 24.1812, 22.1343

Protanopia

23.5184, 24.4805, 26.4073

Deuteranopia

24.7602, 24.2158, 21.4583



Tritanopia

30.3315, 24.1561, 21.8028

Trichromacy



Original Color

30.3944, 24.1812, 22.1343

Protanomaly

25.3964, 23.8854, 24.7445

Deuteranomaly

26.4464, 23.9274, 21.6369

Tritanomaly

30.3315, 24.1561, 21.8028

Monochromacy



Original Color

30.3944, 24.1812, 22.1343

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.7254, 24.4344, 25.1902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3944, 24.1812, 22.1343 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(188, 114, 124)` looks like.

```
.text, #text, p{  
    color:rgb(188, 114, 124)  
}
```

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(188, 114, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 114, 124) }
```

Border

The CSS property to change the border of an element to XYZ 30.3944, 24.1812, 22.1343 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(188, 114, 124) }
```


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

```
.border{ border-color:rgb(188, 114, 124) }
```

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

Here you see how a box with a 4 pixel rgb(188, 114, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 114, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 114, 124);  
box-shadow:4px 4px 4px 4px rgb(188, 114,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3944, 24.1812, 22.1343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 114, 124) }
```

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

```
.background{ background-color: rgb(188,  
114, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor