

Converting Colors

XYZ(26.4286, 22.2598, 18.8119)

Have a look what the booklet for
XYZ(26.4286, 22.2598, 18.8119)
contains.

XYZ(26.2882, 22.1338, 18.8063)	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(26.2882, 22.1338,
18.8063)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7272
RGB	173, 114, 114
RGB Percent	68%, 45%, 45%
CMY	0.3216, 0.5529, 0.5529
CMYK	0.00, 0.34, 0.34, 0.32
HSL	0°, 26%, 56%
HSV	0°, 34%, 68%
XYZ	26.2882, 22.1338, 18.8063
YIQ	131.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

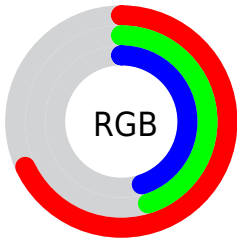
Format	Color
R_{YB}	173, 114, 114
Decimal	11367026
CIE _{Lab}	54.17, 23.32, 9.60
CIE _{LCh}	54, 25.217, 22.375
Yxy	22.1338, 0.3910, 0.3292
Android (android.graphics.Color)	4289557106 (0xFFAD7272)
YUV	131.6410, -8.6970, 36.2718
Hunter-Lab	47.0466, 17.4089, 9.2321

Details

The XYZ color **26.2882, 22.1338, 18.8063** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.4253, 36.4804, 45.0258**, and the grayscale version is **21.8249, 22.9615, 25.0051**.

A 20% lighter version of the original color is **53.1523, 46.8486, 42.3176**, and **10.4814, 8.0959, 6.1645** is the 20% darker color. If you saturate the color by 10%, you get **23.6249, 18.2369, 13.5112**, and if you desaturate by 10%, it is **29.5079, 26.8454, 25.2063**.

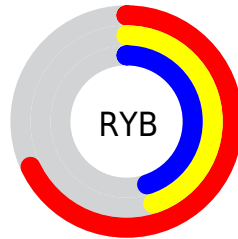
Distribution



Red (68%)

Green (45%)

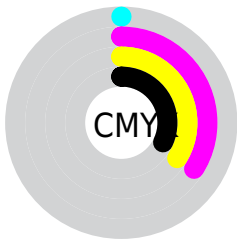
Blue (45%)



Red (68%)

Yellow (45%)

Blue (45%)

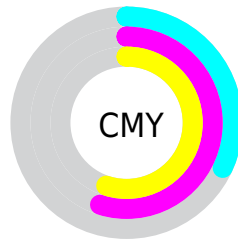


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (32%)



Cyan (32%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2882, 22.1338, 18.8063 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 26.2882, 22.1338, 18.8063 by changing the saturation by 10% instead.


 26.2882, 22.1338,
18.8063


 26.2882, 22.1338,
18.8063


276.4248,
263.2442, 257.7643


 17.1732, 13.9552,
11.3550


 53.1675, 46.9670,
42.2389


 10.4541, 8.0895,
6.1890


 71.6625, 64.3905,
59.0572

 5.7656, 4.1523,
2.8897

 94.0149, 85.6644,
79.8350

 2.7424, 1.7591,
1.0386

 120.5900,
111.1732, 104.9908

 1.0190, 0.4615,
0.0000

151.7532,
141.3011, 134.9430

 0.0000, 0.0000,
0.0000

187.8698,

176.4327, 170.1104

229.3052,
216.9522, 210.9113

■ 26.2882, 22.1338,
18.8063

■ 26.2882, 22.1338,
18.8063

■ 23.6249, 18.2369,
13.5112

■ 29.5079, 26.8454,
25.2063

■ 21.4850, 15.1055,
9.2571

■ 33.3113, 32.4108,
32.7672

■ 19.8344, 12.6902,
5.9760


■ 37.7258, 38.8704,
41.5432


■ 18.6346, 10.9344,
3.5910


■ 42.7767, 46.2612,
51.5842


■ 17.8410, 9.7732,
2.0136


■ 48.4877, 54.6181,
62.9378


 17.4004, 9.1283,
1.1378

 54.8816, 63.9740,
75.6489

 17.2338, 8.8845,
0.8066

 61.9798, 74.3605,
89.7602

 69.8029, 85.8078,
105.3126

 71.0436, 87.6243,
107.7765

Harmonies

Analogous

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



26.6959, 22.1338, 26.1553



26.2882, 22.1338, 18.8063



24.4162, 22.1338, 14.0260

Triad

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



26.2882, 22.1338, 18.8063



17.1390, 22.1338, 16.0209



20.3470, 22.1338, 42.3353

Complementary

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



26.2882, 22.1338, 18.8063



29.4253, 36.4804, 45.0258

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.



17.9858, 22.1338, 38.1149



26.2882, 22.1338, 18.8063



16.2411, 22.1338, 22.1552

Square

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



26.2882, 22.1338, 18.8063



19.0973, 22.1338, 12.6779



16.5371, 22.1338, 30.3040



23.1049, 22.1338, 40.8941

Rectangle

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



26.2882, 22.1338, 18.8063



22.6713, 22.1338, 12.4015



16.5371, 22.1338, 30.3040



19.4841, 22.1338, 41.5049

Sweetspot

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



26.2888, 22.1349, 18.8067



62.6320, 62.3966, 64.5950



30.7939, 23.9362, 42.5324



13.3840, 13.2276, 13.5861



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.2888, 22.1349, 18.8067



43.3625, 34.1998, 26.2879



30.1687, 29.8947, 20.1000



8.0053, 8.0154, 8.3386



12.6608, 6.5270, 0.5925



0.3522, 0.1816, 0.0165

Inverse Universe

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



29.4253, 36.4804, 45.0258



49.8483, 63.8645, 80.5056



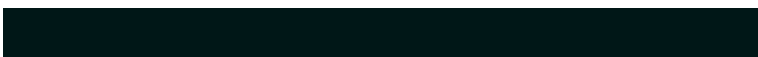
24.3802, 26.3902, 43.3441



8.2363, 9.0720, 10.2697



16.5181, 24.1700, 32.8392



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 26.2882, 22.1338, 18.8063 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 26.2882, 22.1338, 18.8063 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 26.2882, 22.1338, 18.8063

Background



This preview shows how black text looks on a background with the XYZ color 26.2882, 22.1338, 18.8063.



This preview shows how white text looks on a background with the XYZ color 26.2882, 22.1338,

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

26.2882, 22.1338, 18.8063

Protanopia

21.1946, 22.1740, 21.5753

Deuteranopia

22.6527, 22.2266, 18.4255



Tritanopia

26.8119, 22.1894, 20.9590

Trichromacy



Original Color

26.2882, 22.1338, 18.8063

Protanomaly

22.7502, 22.0431, 20.5084

Deuteranomaly

23.9186, 22.1361, 18.6348

Tritanomaly

26.6307, 22.1169, 20.0049

Monochromacy



Original Color

26.2882, 22.1338, 18.8063

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.0679, 22.3509, 22.5004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2882, 22.1338, 18.8063 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(173, 114, 114)` looks like.

```
.text, #text, p{  
    color:rgb(173, 114, 114)  
}
```

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(173, 114, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 114, 114) }
```

Border

The CSS property to change the border of an element to XYZ 26.2882, 22.1338, 18.8063 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(173, 114, 114) }
```


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

```
.border{ border-color:rgb(173, 114, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 114, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 114, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 114, 114);  
box-shadow:4px 4px 4px 4px rgb(173, 114,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2882, 22.1338, 18.8063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 114, 114) }
```

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

```
.background{ background-color: rgb(173,  
114, 114) }
```

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