

# Converting Colors

XYZ(26.2631, 22.0730, 20.9655)

Have a look what the booklet for  
XYZ(26.2631, 22.0730, 20.9655)  
contains.

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# Color

**XYZ(26.2631, 22.0730,  
20.9655)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB7279
RGB	171, 114, 121
RGB Percent	67%, 45%, 47%
CMY	0.3294, 0.5529, 0.5255
CMYK	0.00, 0.33, 0.29, 0.33
HSL	353°, 25%, 56%
HSV	353°, 33%, 67%
XYZ	26.2631, 22.0730, 20.9655
YIQ	131.8410, 31.7250, 14.2610

# Conversions

## Conversions Part 2

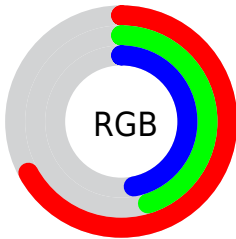
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 114, 121
Decimal	11235961
CIE <sub>Lab</sub>	54.10, 23.49, 5.38
CIE <sub>LCh</sub>	54, 24.100, 12.898
Yxy	22.0730, 0.3790, 0.3185
Android (android.graphics.Color)	4289426041 (0xFFAB7279)
YUV	131.8410, -5.3446, 34.3424
Hunter-Lab	46.9819, 17.5640, 6.4294

# Details

The XYZ color **26.2631, 22.0730, 20.9655** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.2041, 35.3841, 40.4670**, and the grayscale version is **21.8860, 23.0258, 25.0751**.

A 20% lighter version of the original color is **53.1740, 46.7835, 45.7627**, and **10.4290, 8.0435, 7.3062** is the 20% darker color. If you saturate the color by 10%, you get **23.6620, 18.2303, 15.9074**, and if you desaturate by 10%, it is **29.3690, 26.6962, 26.8982**.

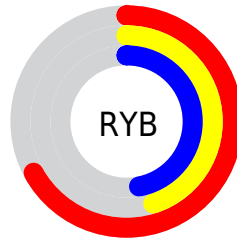
# Distribution



Red (67%)

Green (45%)

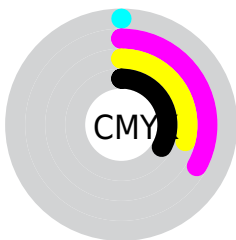
Blue (47%)



Red (67%)

Yellow (45%)

Blue (47%)

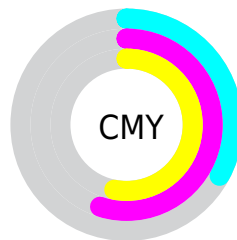


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (33%)



Cyan (33%)

Magenta (55%)


Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2631, 22.0730, 20.9655 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 26.2631, 22.0730, 20.9655 by changing the saturation by 10% instead.





 26.2631, 22.0730,  
20.9655


 26.2631, 22.0730,  
20.9655


276.3043,  
262.9273, 269.8701


 17.1543, 13.9105,  
12.9078


 53.1274, 46.8666,  
45.9102


 10.4405, 8.0585,  
7.2351


 71.6135, 64.2666,  
63.6342

 5.7565, 4.1324,  
3.5289

 93.9562, 85.5145,  
85.4174

 2.7368, 1.7479,  
1.3706

 120.5207,  
110.9948, 111.6783

 1.0162, 0.4544,  
0.1186

151.6724,  
141.0918, 142.8355

 0.0000, 0.0000,  
0.0000

187.7767,

176.1899, 179.3075

229.1989,  
216.6736, 221.5129

■ 26.2631, 22.0730,  
20.9655

■ 26.2631, 22.0730,  
20.9655

■ 23.6620, 18.2303,  
15.9074

■ 29.3690, 26.6962,  
26.8982

■ 21.5373, 15.1220,  
11.6810

■ 33.0028, 32.1364,  
33.7428

■ 19.8603, 12.7021,  
8.2422


■ 37.1880, 38.4315,  
41.5361


■ 18.5985, 10.9181,  
5.5417


■ 41.9465, 45.6161,  
50.3124


■ 17.7150, 9.7098,  
3.5249


■ 47.2987, 53.7231,  
60.1044

 17.1663, 9.0056,  
2.1295

 53.2643, 62.7835,  
70.9432

 16.9299, 8.7121,  
1.4983

 59.8618, 72.8268,  
82.8585

 67.1092, 83.8816,  
95.8790

 70.6047, 87.3980,  
107.7560

# Harmonies

## Analogous

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



26.1525, 22.0730, 28.5142



26.2631, 22.0730, 20.9655



24.8761, 22.0730, 15.5160

# Triad

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



26.2631, 22.0730, 20.9655



17.7450, 22.0730, 14.9656



19.5379, 22.0730, 40.5592

# Complementary

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



26.2631, 22.0730, 20.9655



28.2041, 35.3841, 40.4670

# 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.



17.5131, 22.0730, 35.2078



26.2631, 22.0730, 20.9655



16.5384, 22.0730, 20.0491

# Square

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



26.2631, 22.0730, 20.9655



19.8791, 22.0730, 12.5674



16.4572, 22.0730, 27.3876



22.1203, 22.0730, 40.9473



# Rectangle

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



26.2631, 22.0730, 20.9655



23.3507, 22.0730, 13.3732



16.4572, 22.0730, 27.3876



18.7749, 22.0730, 39.2373

# Sweetspot

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



26.2637, 22.0741, 20.9659



61.3618, 60.9422, 64.6474



28.5550, 22.8048, 41.4250



13.4636, 13.2593, 14.0052



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.



26.2637, 22.0741, 20.9659



43.5152, 34.3248, 30.7188



28.4826, 27.1738, 19.6647



8.0438, 8.0308, 8.5413



12.7737, 6.5720, 1.1879



0.3676, 0.1877, 0.0978



# Inverse Universe

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



26.2637, 22.0741, 20.9659



43.5152, 34.3248, 30.7188



25.2133, 28.3632, 42.6740



8.0438, 8.0308, 8.5413



12.7737, 6.5720, 1.1879

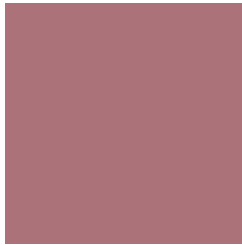


0.3676, 0.1877, 0.0978



# Previews

## White Background



This preview shows how the XYZ color 26.2631, 22.0730, 20.9655 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 26.2631, 22.0730, 20.9655 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

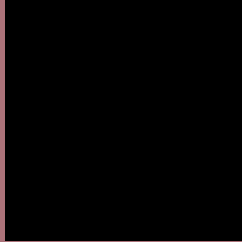
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 26.2631, 22.0730, 20.9655**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.2631, 22.0730, 20.9655.



This preview shows how white text looks on a background with the XYZ color 26.2631, 22.0730,



# 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

26.2631, 22.0730, 20.9655

### Protanopia

21.3284, 22.1910, 23.9280

### Deuteranopia

22.5174, 22.1101, 20.5336



## Tritanopia

26.3248, 22.0977, 21.2902

# Trichromacy



## Original Color

26.2631, 22.0730, 20.9655

## Protanomaly

22.8276, 22.0327, 22.7882

## Deuteranomaly

23.7451, 21.9994, 20.7641

## Tritanomaly

26.3248, 22.0977, 21.2902

# Monochromacy



## Original Color

26.2631, 22.0730, 20.9655

## Achromatopsia

21.9318, 23.0740, 25.1276

## Achromatomaly

23.0840, 22.3367, 23.5168

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.2631, 22.0730, 20.9655 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(171, 114, 121)` looks like.

```
.text, #text, p{  
    color:rgb(171, 114, 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(171, 114, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 114, 121) }
```

## Border

The CSS property to change the border of an element to XYZ 26.2631, 22.0730, 20.9655 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(171, 114, 121) }
```



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

```
.border{ border-color:rgb(171, 114, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 114, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 114, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 114, 121);  
box-shadow:4px 4px 4px 4px rgb(171, 114,  
121) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.2631, 22.0730, 20.9655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 114, 121) }
```

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

```
.background{ background-color: rgb(171,  
114, 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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