

# Converting Colors

XYZ(26.3590, 22.3514, 26.1821)

Have a look what the booklet for  
XYZ(26.3590, 22.3514, 26.1821)  
contains.

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# Color

**XYZ(26.4152, 22.3753,  
26.2192)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A67488
RGB	166, 116, 136
RGB Percent	65%, 45%, 53%
CMY	0.3490, 0.5451, 0.4667
CMYK	0.00, 0.30, 0.18, 0.35
HSL	336°, 22%, 55%
HSV	336°, 30%, 65%
XYZ	26.4152, 22.3753, 26.2192
YIQ	133.2300, 23.3800, 16.8200

# Conversions

## Conversions Part 2

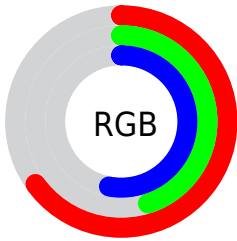
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 116, 136
Decimal	10908808
CIE <sub>Lab</sub>	54.42, 22.75, -3.01
CIE <sub>LCh</sub>	54, 22.944, 352.465
Yxy	22.3753, 0.3522, 0.2983
Android (android.graphics.Color)	4289098888 (0xFFA67488)
YUV	133.2300, 1.3656, 28.7393
Hunter-Lab	47.3025, 16.9005, 0.2481

# Details

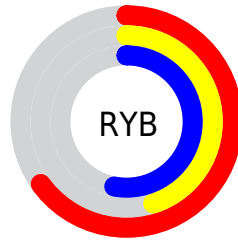
The XYZ color **26.4152, 22.3753, 26.2192** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.0279, 33.0614, 32.2053**, and the grayscale version is **22.3678, 23.5327, 25.6271**.

A 20% lighter version of the original color is **53.3121, 47.2090, 54.4465**, and **10.4969, 8.1969, 9.8330** is the 20% darker color. If you saturate the color by 10%, you get **23.9947, 18.6148, 22.0806**, and if you desaturate by 10%, it is **29.2447, 26.8480, 30.8192**.

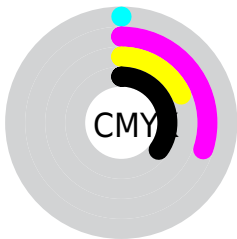
# Distribution



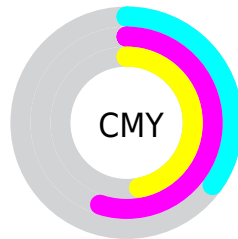
- Red (65%)
- Green (45%)
- Blue (53%)



- Red (65%)
- Yellow (45%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (18%)
- Black (35%)




- Cyan (35%)
- Magenta (55%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4152, 22.3753, 26.2192 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 26.4152, 22.3753, 26.2192 by changing the saturation by 10% instead.





 26.4152, 22.3753,  
26.2192


 26.4152, 22.3753,  
26.2192


277.0338,  
264.5000, 297.4961


 17.2688, 14.1329,  
16.7605


 53.3706, 47.3655,  
54.6168

 10.5228, 8.2132,  
9.9037


 71.9102, 64.8821,  
74.3927

 5.8119, 4.2317,  
5.2304

 94.3117, 86.2590,  
98.4448

 2.7706, 1.8040,  
2.3220

120.9404,  
111.8804, 127.1915

 1.0336, 0.4896,  
0.7435

152.1616,  
142.1308, 161.0515

 0.0000, 0.0000,  
0.0000

188.3406,

177.3946, 200.4432

229.8429,  
218.0562, 245.7852

■ 26.4152, 22.3753,  
26.2192

■ 26.4152, 22.3753,  
26.2192

■ 23.9947, 18.6148,  
22.0806

■ 29.2447, 26.8480,  
30.8192

■ 21.9613, 15.5264,  
18.3867

■ 32.4999, 32.0642,  
35.8940

■ 20.2939, 13.0704,  
15.1214


■ 36.1988, 38.0572,  
41.4579


■ 18.9684, 11.2020,  
12.2671


■ 40.3578, 44.8571,  
47.5242

■ 17.9577, 9.8700,  
9.8046


■ 44.9925, 52.4927,  
54.1059


 17.2301, 9.0148,  
7.7127

 50.1176, 60.9910,  
61.2151

 16.7210, 8.5051,  
5.9758

 55.7474, 70.3782,  
68.8637

 61.8953, 80.6792,  
77.0633

 65.1650, 85.0986,  
84.6885

# Harmonies

## Analogous

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



25.3251, 22.3753, 33.7834



26.4152, 22.3753, 26.2192



26.0422, 22.3753, 19.4571

# Triad

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



26.4152, 22.3753, 26.2192



19.4769, 22.3753, 13.6986



18.4622, 22.3753, 37.0384

# Complementary

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



26.4152, 22.3753, 26.2192



26.0279, 33.0614, 32.2053

# 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.



17.1145, 22.3753, 30.0309



26.4152, 22.3753, 26.2192



17.6675, 22.3753, 16.8799

# Square

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



26.4152, 22.3753, 26.2192



21.9057, 22.3753, 13.0755



16.8354, 22.3753, 22.5963



20.6409, 22.3753, 40.7804



# Rectangle

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



26.4152, 22.3753, 26.2192



25.0267, 22.3753, 16.1772



16.8354, 22.3753, 22.5963



17.9042, 22.3753, 34.9279

# Sweetspot

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



26.4158, 22.3763, 26.2197



59.5872, 59.1661, 66.0656



24.9832, 21.3560, 38.8820



13.1350, 12.9187, 14.4792



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656



# Same Dimension

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



26.4158, 22.3763, 26.2197



44.9821, 35.9973, 42.5725



25.7164, 23.0437, 19.6167



7.6508, 7.5902, 8.4782



12.9881, 6.6040, 4.7489



0.3414, 0.1708, 0.2493



# Inverse Universe

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



26.4158, 22.3763, 26.2197



44.9821, 35.9973, 42.5725



26.8310, 31.9565, 40.8308



7.6508, 7.5902, 8.4782



12.9881, 6.6040, 4.7489

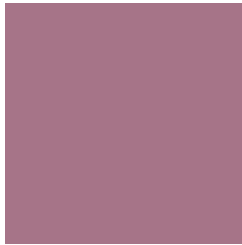


0.3414, 0.1708, 0.2493



# Previews

## White Background



This preview shows how the XYZ color 26.4152, 22.3753, 26.2192 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

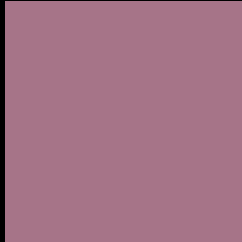
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the XYZ color 26.4152, 22.3753, 26.2192 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 26.4152, 22.3753, 26.2192**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.4152, 22.3753, 26.2192.



This preview shows how white text looks on a background with the XYZ color 26.4152, 22.3753,



# 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

26.4152, 22.3753, 26.2192

### Protanopia

22.0699, 22.6460, 29.5935

### Deuteranopia

22.7484, 22.3057, 25.6607



## Tritanopia

25.8262, 22.4885, 23.0582

# Trichromacy



## Original Color

26.4152, 22.3753, 26.2192

## Protanomaly

23.2967, 22.3411, 28.2837

## Deuteranomaly

23.9104, 22.1524, 25.9373

## Tritanomaly

25.9076, 22.3336, 24.0644

# Monochromacy



## Original Color

26.4152, 22.3753, 26.2192

## Achromatopsia

22.2940, 23.4551, 25.5426

## Achromatomaly

23.5695, 22.9197, 25.7360

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.4152, 22.3753, 26.2192 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(166, 116, 136)` looks like.

```
.text, #text, p{  
    color:rgb(166, 116, 136)  
}
```

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(166, 116, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 116, 136) }
```

## Border

The CSS property to change the border of an element to XYZ 26.4152, 22.3753, 26.2192 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(166, 116, 136) }
```



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

```
.border{ border-color:rgb(166, 116, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 116, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 116, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 116, 136);  
box-shadow:4px 4px 4px 4px rgb(166, 116,  
136) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.4152, 22.3753, 26.2192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 116, 136) }
```

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

```
.background{ background-color: rgb(166,  
116, 136) }
```

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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