

# Converting Colors

XYZ(26.2029, 25.1533, 21.3507)

Have a look what the booklet for  
XYZ(26.2029, 25.1533, 21.3507)  
contains.

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# Color

**XYZ(26.2044, 25.1657,  
21.2456)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A18378
RGB	161, 131, 120
RGB Percent	63%, 51%, 47%
CMY	0.3686, 0.4863, 0.5294
CMYK	0.00, 0.19, 0.25, 0.37
HSL	16°, 18%, 55%
HSV	16°, 25%, 63%
XYZ	26.2044, 25.1657, 21.2456
YIQ	138.7160, 21.4110, 2.9390

# Conversions

## Conversions Part 2

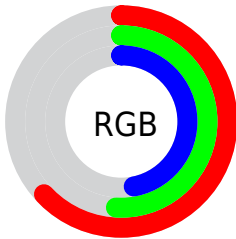
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 135, 120
Decimal	10584952
CIE <sub>Lab</sub>	57.24, 9.75, 10.27
CIE <sub>LCh</sub>	57, 14.158, 46.485
Yxy	25.1657, 0.3609, 0.3466
Android (android.graphics.Color)	4288775032 (0xFFA18378)
YUV	138.7160, -9.2270, 19.5431
Hunter-Lab	50.1654, 5.4517, 10.0058




# Details

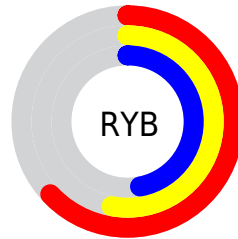
The XYZ color **26.2044, 25.1657, 21.2456** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0848, 28.3782, 37.8738**, and the grayscale version is **24.4605, 25.7344, 28.0247**.




A 20% lighter version of the original color is **52.9058, 51.8585, 46.2510**, and **10.4937, 9.7537, 7.4605** is the 20% darker color. If you saturate the color by 10%, you get **23.8153, 21.8218, 16.0271**, and if you desaturate by 10%, it is **28.9391, 28.9374, 27.3904**.

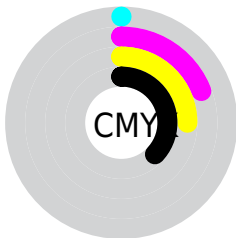
# Distribution







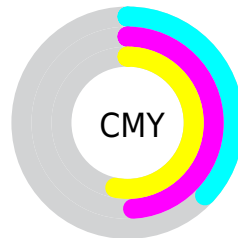
-  Red (63%)
-  Green (51%)
-  Blue (47%)






-  Red (63%)
-  Yellow (53%)
-  Blue (47%)



-  Cyan (0%)
-  Magenta (19%)
-  Yellow (25%)
-  Black (37%)




-  Cyan (37%)
-  Magenta (49%)
-  Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2044, 25.1657, 21.2456 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 26.2044, 25.1657, 21.2456 by changing the saturation by 10% instead.





 26.2044, 25.1657,  
21.2456


 26.2044, 25.1657,  
21.2456

276.0224,  
278.6621, 271.4046


 17.1101, 16.2006,  
13.1107


 53.0335, 51.9259,  
46.3820

 10.4088, 9.6662,  
7.3732


 71.4989, 70.4898,  
64.2206

 5.7352, 5.1782,  
3.6146

 93.8188, 93.0220,  
86.1307

 2.7239, 2.3522,  
1.4164

120.3585,  
119.9069, 112.5310

 1.0095, 0.8011,  
0.1544

151.4834,  
151.5290, 143.8400

 0.0000, 0.0000,  
0.0000

187.5587,

188.2727, 180.4763

228.9499,  
230.5222, 222.8583

■ 26.2044, 25.1657,  
21.2456

■ 26.2044, 25.1657,  
21.2456

■ 23.8153, 21.8218,  
16.0271

■ 28.9391, 28.9374,  
27.3904

■ 21.7555, 18.8869,  
11.6882

■ 32.0307, 33.1480,  
34.5022

■ 20.0105, 16.3460,  
8.1803

■ 35.4924, 37.8124,  
42.6209

■ 18.5637, 14.1818,  
5.4493

■ 39.3364, 42.9436,  
51.7838

■ 17.3969, 12.3756,  
3.4351

■ 43.5739, 48.5544,  
62.0265

■ 16.4898, 10.9068,  
2.0679

■ 48.2160, 54.6570,  
73.3826

■ 15.8176, 9.7522,  
1.2583

■ 53.2732, 61.2629,  
85.8843

■ 15.5695, 9.3200,  
0.9783

■ 58.7555, 68.3835,  
99.5627

■ 63.0372, 75.3755,  
105.8343

# Harmonies

## Analogous

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



27.1400, 25.1657, 24.8679



26.2044, 25.1657, 21.2456



24.6793, 25.1657, 19.3806

# Triad

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



26.2044, 25.1657, 21.2456



20.9244, 25.1657, 25.3031



24.8442, 25.1657, 37.2240

# Complementary

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



26.2044, 25.1657, 21.2456



25.0848, 28.3782, 37.8738

# 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.



23.1750, 25.1657, 37.3758



26.2044, 25.1657, 21.2456



20.9639, 25.1657, 30.1009

# Square

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



26.2044, 25.1657, 21.2456



21.6603, 25.1657, 21.5320



21.7710, 25.1657, 34.6438



26.3300, 25.1657, 34.2503



# Rectangle

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



26.2044, 25.1657, 21.2456



23.5576, 25.1657, 19.2253



21.7710, 25.1657, 34.6438



24.2846, 25.1657, 37.6177

# Sweetspot

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



26.2051, 25.1669, 21.2461



55.8133, 57.2617, 58.1965



26.9250, 23.2144, 31.9443



12.0632, 12.3170, 12.3537



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444



# Same Dimension

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



26.2051, 25.1669, 21.2461



44.2414, 41.3184, 32.1410



29.2248, 31.2063, 22.2527



7.2212, 7.3809, 7.4241



12.4646, 7.5031, 0.7913



0.2987, 0.2311, 0.0289



# Inverse Universe

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



25.0848, 28.3782, 37.8738



41.8561, 48.1323, 67.4709



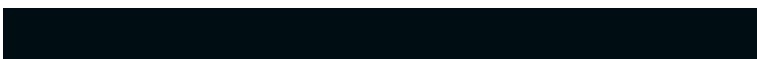
22.1041, 22.4168, 36.8803



7.1146, 7.6882, 9.0121



10.3273, 12.4339, 28.7855



0.2526, 0.3326, 0.6167



# Previews

## White Background



This preview shows how the XYZ color 26.2044, 25.1657, 21.2456 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

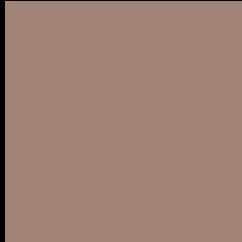
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 26.2044, 25.1657, 21.2456 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 26.2044, 25.1657, 21.2456**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.2044, 25.1657, 21.2456.



This preview shows how white text looks on a background with the XYZ color 26.2044, 25.1657,



# 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

26.2044, 25.1657, 21.2456

### Protanopia

23.8485, 25.1610, 22.3385

### Deuteranopia

25.5461, 25.0267, 21.2535



## Tritanopia

27.4109, 25.0599, 27.4371

# Trichromacy



## Original Color

26.2044, 25.1657, 21.2456

## Protanomaly

24.7545, 25.2171, 21.9750

## Deuteranomaly

25.7420, 25.1277, 21.2627

## Tritanomaly

26.8473, 25.0206, 24.8872

# Monochromacy



## Original Color

26.2044, 25.1657, 21.2456

## Achromatopsia

24.5403, 25.8183, 28.1161

## Achromatomaly

25.0016, 25.4773, 25.4297

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.2044, 25.1657, 21.2456 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(161, 131, 120)` looks like.

```
.text, #text, p{  
    color:rgb(161, 131, 120)  
}
```

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(161, 131, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 131, 120) }
```

## Border

The CSS property to change the border of an element to XYZ 26.2044, 25.1657, 21.2456 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(161, 131, 120) }
```



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

```
.border{ border-color:rgb(161, 131, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 131, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 131, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 131, 120);  
box-shadow:4px 4px 4px 4px rgb(161, 131,  
120) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.2044, 25.1657, 21.2456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 131, 120) }
```

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

```
.background{ background-color: rgb(161,  
131, 120) }
```

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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