

# Converting Colors

XYZ(30.0630, 27.0305, 24.6438)

Have a look what the booklet for  
XYZ(30.0630, 27.0305, 24.6438)  
contains.

<b>XYZ(30.0501, 27.0744, 24.7612)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(30.0501, 27.0744,  
24.7612)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B08382
RGB	176, 131, 130
RGB Percent	69%, 51%, 51%
CMY	0.3098, 0.4863, 0.4902
CMYK	0.00, 0.26, 0.26, 0.31
HSL	1°, 23%, 60%
HSV	1°, 26%, 69%
XYZ	30.0501, 27.0744, 24.7612
YIQ	144.3410, 27.1410, 9.2290

# Conversions

## Conversions Part 2

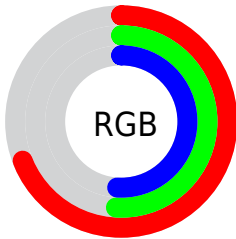
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 131, 130
Decimal	11568002
CIE <sub>Lab</sub>	59.04, 17.16, 7.31
CIE <sub>LCh</sub>	59, 18.651, 23.067
Yxy	27.0744, 0.3670, 0.3306
Android (android.graphics.Color)	4289758082 (0xFFB08382)
YUV	144.3410, -7.0701, 27.7649
Hunter-Lab	52.0331, 12.0293, 8.2086

# Details

The XYZ color **30.0501, 27.0744, 24.7612** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.3721, 38.5394, 46.8072**, and the grayscale version is **26.6673, 28.0561, 30.5531**.

A 20% lighter version of the original color is **58.9664, 54.8557, 52.2801**, and **12.4537, 10.6165, 9.1774** is the 20% darker color. If you saturate the color by 10%, you get **26.8451, 22.3959, 18.3545**, and if you desaturate by 10%, it is **33.8429, 32.6047, 32.3614**.

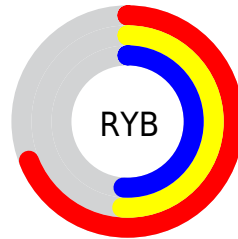
# Distribution



Red (69%)

Green (51%)

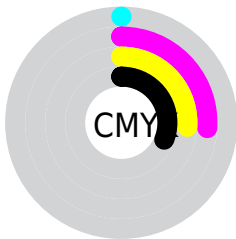
Blue (51%)



Red (69%)

Yellow (51%)

Blue (51%)

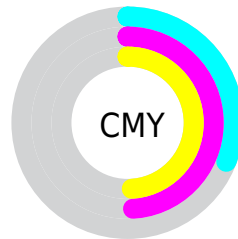


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (31%)



Cyan (31%)

Magenta (49%)


Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0501, 27.0744, 24.7612 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 30.0501, 27.0744, 24.7612 by changing the saturation by 10% instead.





 30.0501, 27.0744,  
24.7612


 30.0501, 27.0744,  
24.7612


294.0435,  
288.0172, 290.0561


 20.0249, 17.6291,  
15.6818


 59.1275, 55.0032,  
52.2289

 12.5215, 10.6840,  
9.1474


 78.9104, 74.2556,  
71.4542

 7.1746, 5.8548,  
4.7393


 102.6765, 97.5457,  
94.8987

 3.6188, 2.7570,  
2.0391

130.7912,  
125.2580, 122.9808

 1.4888, 1.0062,  
0.5792

163.6200,  
157.7769, 156.1190

 0.3182, 0.0000,  
0.0000

201.5280,

 0.0000, 0.0000,

195.4868, 194.7320

0.0000

244.8808,  
238.7721, 239.2381

■ 30.0501, 27.0744,  
24.7612

■ 30.0501, 27.0744,  
24.7612

■ 26.8451, 22.3959,  
18.3545

■ 33.8429, 32.6047,  
32.3614

■ 24.1964, 18.5233,  
13.0792

■ 38.2485, 39.0222,  
41.2095

■ 22.0730, 15.4123,  
8.8699

■ 43.2932, 46.3648,  
51.3589

■ 20.4399, 13.0126,  
5.6542

■ 49.0009, 54.6670,  
62.8590

■ 19.2580, 11.2683,  
3.3505

■ 55.3945, 63.9619,  
75.7569

■ 18.4820, 10.1145,  
1.8644

■ 62.4958, 74.2806,  
90.0973

■ 18.0558, 9.4729,  
1.0721

■ 70.3255, 85.6532,  
105.9230

■ 17.9463, 9.3135,  
0.8518

■ 71.7146, 87.9702,  
107.8079

# Harmonies

## Analogous

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



30.4101, 27.0744, 31.0452



30.0501, 27.0744, 24.7612



28.5020, 27.0744, 20.4180

# Triad

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



30.0501, 27.0744, 24.7612



22.3366, 27.0744, 22.4633



25.1998, 27.0744, 44.0323

# Complementary

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



30.0501, 27.0744, 24.7612



32.3721, 38.5394, 46.8072

# 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.



23.1502, 27.0744, 40.8893



30.0501, 27.0744, 24.7612



21.5626, 27.0744, 27.9672

# Square

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



30.0501, 27.0744, 24.7612



24.0284, 27.0744, 19.2369



21.8513, 27.0744, 34.7619



27.5172, 27.0744, 42.8333



# Rectangle

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



30.0501, 27.0744, 24.7612



27.0518, 27.0744, 18.8880



21.8513, 27.0744, 34.7619



24.4585, 27.0744, 43.4346

# Sweetspot

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



30.0508, 27.0757, 24.7618



67.6771, 68.3081, 71.3379



33.6483, 28.3001, 44.3670



14.4021, 14.4180, 14.9283



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832



# Same Dimension

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



30.0508, 27.0757, 24.7618



51.2297, 44.3305, 38.3647



33.4512, 33.8764, 25.8952



8.5107, 8.5340, 8.8512



13.1731, 6.8447, 0.6269



0.4194, 0.2252, 0.0214



# Inverse Universe

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



32.3721, 38.5394, 46.8072



56.1125, 68.4487, 84.7498



28.3089, 30.4131, 45.4528



8.7265, 9.5991, 10.8992



16.6024, 24.0052, 33.8954



0.5273, 0.7652, 1.0681



# Previews

## White Background



This preview shows how the XYZ color 30.0501, 27.0744, 24.7612 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

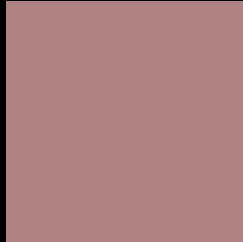
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the XYZ color 30.0501, 27.0744, 24.7612 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 30.0501, 27.0744, 24.7612**

## **Background**



This preview shows how black text looks on a background with the XYZ color 30.0501, 27.0744, 24.7612.



This preview shows how white text looks on a background with the XYZ color 30.0501, 27.0744,



# 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

30.0501, 27.0744, 24.7612

### Protanopia

25.9710, 27.2346, 27.1805

### Deuteranopia

27.6061, 27.0534, 24.5357



## Tritanopia

30.7743, 27.1765, 28.0497

# Trichromacy



## Original Color

30.0501, 27.0744, 24.7612

## Protanomaly

27.2962, 27.0663, 26.3399

## Deuteranomaly

28.3523, 27.0199, 24.4899

## Tritanomaly

30.5580, 27.0899, 26.9109

# Monochromacy



## Original Color

30.0501, 27.0744, 24.7612

## Achromatopsia

26.5089, 27.8894, 30.3716

## Achromatomaly

27.6031, 27.3972, 28.2595

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 30.0501, 27.0744, 24.7612 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(176, 131, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 131, 130)  
}
```

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(176, 131, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 131, 130) }
```

## Border

The CSS property to change the border of an element to XYZ 30.0501, 27.0744, 24.7612 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(176, 131, 130) }
```



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

```
.border{ border-color:rgb(176, 131, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 131, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 131, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 131, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 131,  
130) }
```

# Background

The CSS property to change the background color of an element to XYZ 30.0501, 27.0744, 24.7612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 131, 130) }
```

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

```
.background{ background-color: rgb(176,  
131, 130) }
```

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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