

Converting Colors

XYZ(27.1147, 24.1026, 21.5571)

Have a look what the booklet for
XYZ(27.1147, 24.1026, 21.5571)
contains.

XYZ(27.1734, 24.1171, 21.6352)	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(27.1734, 24.1171,
21.6352)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7B7A
RGB	170, 123, 122
RGB Percent	67%, 48%, 48%
CMY	0.3333, 0.5176, 0.5216
CMYK	0.00, 0.28, 0.28, 0.33
HSL	1°, 22%, 57%
HSV	1°, 28%, 67%
XYZ	27.1734, 24.1171, 21.6352
YIQ	136.9390, 28.3330, 9.6530

Conversions

Conversions Part 2

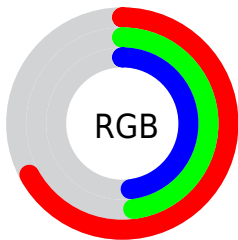
Format	Color
R_{YB}	170, 123, 122
Decimal	11172730
CIE _{Lab}	56.20, 18.16, 7.78
CIE _{LCh}	56, 19.756, 23.204
Yxy	24.1171, 0.3726, 0.3307
Android (android.graphics.Color)	4289362810 (0xFFAA7B7A)
YUV	136.9390, -7.3649, 28.9945
Hunter-Lab	49.1092, 12.8277, 8.2560

Details

The XYZ color **27.1734, 24.1171, 21.6352** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.4693, 35.4148, 43.3130**, and the grayscale version is **23.7748, 25.0129, 27.2391**.

A 20% lighter version of the original color is **54.5293, 50.2754, 46.8745**, and **10.9875, 9.1605, 7.4924** is the 20% darker color. If you saturate the color by 10%, you get **24.3187, 19.9484, 15.9335**, and if you desaturate by 10%, it is **30.5648, 29.0639, 28.4254**.

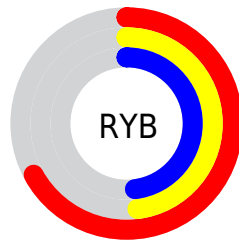
Distribution



Red (67%)

Green (48%)

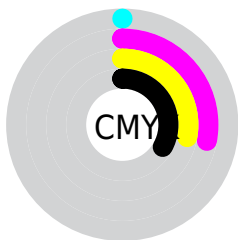
Blue (48%)



Red (67%)

Yellow (48%)

Blue (48%)

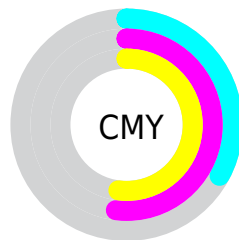


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (33%)



Cyan (33%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1734, 24.1171, 21.6352 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 27.1734, 24.1171, 21.6352 by changing the saturation by 10% instead.

■ 27.1734, 24.1171,
21.6352

■ 27.1734, 24.1171,
21.6352

280.6480,
273.4120, 273.5263

■ 17.8408, 15.4205,
13.3933

■ 54.5799, 50.2212,
47.0367

■ 10.9347, 9.1150,
7.5661

■ 73.3845, 68.3975,
65.0335

■ 6.0899, 4.8163,
3.7348

■ 96.0771, 90.5026,
87.1190

■ 2.9410, 2.1399,
1.4810

123.0231,
116.9207, 113.7118

■ 1.1226, 0.6869,
0.2037

154.5878,
148.0363, 145.2304

■ 0.0439, 0.0000,
0.0000

191.1366,

■ 0.0000, 0.0000,

184.2338, 182.0933

0.0000

233.0349,
225.8975, 224.7191

■ 27.1734, 24.1171,
21.6352

■ 27.1734, 24.1171,
21.6352

■ 24.3187, 19.9484,
15.9335

■ 30.5648, 29.0639,
28.4254

■ 21.9713, 16.5150,
11.2624

■ 34.5163, 34.8220,
36.3550

■ 20.1022, 13.7754,
7.5608

■ 39.0523, 41.4267,
45.4735

■ 18.6784, 11.6822,
4.7605

■ 44.1953, 48.9103,
55.8271

■ 17.6630, 10.1825,
2.7848

■ 49.9664, 57.3034,
67.4593

■ 17.0130, 9.2148,
1.5438

■ 56.3859, 66.6351,
80.4118

■ 16.6646, 8.6936,
0.8859

■ 63.4731, 76.9332,
94.7242

■ 16.6162, 8.6232,
0.7887

■ 70.3877, 87.2861,
107.7458

Harmonies

Analogous

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



27.5362, 24.1171, 27.7668



27.1734, 24.1171, 21.6352



25.6379, 24.1171, 17.4666

Triad

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



27.1734, 24.1171, 21.6352



19.6016, 24.1171, 19.4604



22.4099, 24.1171, 40.7324

Complementary

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



27.1734, 24.1171, 21.6352



29.4693, 35.4148, 43.3130

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.



20.4061, 24.1171, 37.5967



27.1734, 24.1171, 21.6352



18.8554, 24.1171, 24.8076

Square

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



27.1734, 24.1171, 21.6352



21.2453, 24.1171, 16.3634



19.1399, 24.1171, 31.4996



24.6859, 24.1171, 39.5075

Rectangle

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



27.1734, 24.1171, 21.6352



24.2073, 24.1171, 16.0171



19.1399, 24.1171, 31.4996



21.6842, 24.1171, 40.1384

Sweetspot

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



27.1740, 24.1182, 21.6357



62.6951, 63.2814, 66.1010



30.7176, 25.3375, 40.9065



13.7301, 13.7462, 14.2364



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.



27.1740, 24.1182, 21.6357



45.8890, 38.7735, 32.4316



30.4933, 30.7567, 22.7421



7.5432, 7.5665, 7.8522



12.2282, 6.3537, 0.5819



0.3013, 0.1622, 0.0154

Inverse Universe

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



29.4693, 35.4148, 43.3130



50.7587, 62.7455, 78.4377



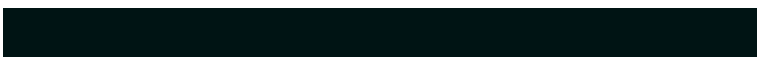
25.4380, 27.3521, 41.9692



7.7339, 8.5047, 9.6523



15.4335, 22.3272, 31.4716



0.3795, 0.5513, 0.7671

Previews

White Background



This preview shows how the XYZ color 27.1734, 24.1171, 21.6352 looks on a white background.

Color Contrast Check

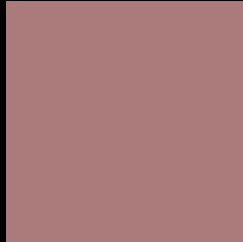
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1734, 24.1171, 21.6352 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 27.1734, 24.1171, 21.6352

Background



This preview shows how black text looks on a background with the XYZ color 27.1734, 24.1171, 21.6352.



This preview shows how white text looks on a background with the XYZ color 27.1734, 24.1171,

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

27.1734, 24.1171, 21.6352

Protanopia

23.2077, 24.3754, 23.9038

Deuteranopia

24.5707, 24.1180, 21.4494



Tritanopia

27.8509, 24.2157, 24.6789

Trichromacy



Original Color

27.1734, 24.1171, 21.6352

Protanomaly

24.4599, 24.2230, 23.1250

Deuteranomaly

25.3386, 23.9301, 21.3726

Tritanomaly

27.6504, 24.1355, 23.6234

Monochromacy



Original Color

27.1734, 24.1171, 21.6352

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.8105, 24.5580, 25.2623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1734, 24.1171, 21.6352 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(170, 123, 122)` looks like.

```
.text, #text, p{  
    color:rgb(170, 123, 122)  
}
```

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(170, 123, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 123, 122) }
```

Border

The CSS property to change the border of an element to XYZ 27.1734, 24.1171, 21.6352 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(170, 123, 122) }
```


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

```
.border{ border-color:rgb(170, 123, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 123, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 123, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 123, 122);  
box-shadow:4px 4px 4px 4px rgb(170, 123,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1734, 24.1171, 21.6352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 123, 122) }
```

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

```
.background{ background-color: rgb(170,  
123, 122) }
```

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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