

Converting Colors

XYZ(27.1174, 24.1360, 28.1781)

Have a look what the booklet for
XYZ(27.1174, 24.1360, 28.1781)
contains.

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Color

**XYZ(27.0455, 24.0953,
28.0363)**

Conversions

Conversions Part 1

Format	Color
Hex	A37C8C
RGB	163, 124, 140
RGB Percent	64%, 49%, 55%
CMY	0.3608, 0.5137, 0.4510
CMYK	0.00, 0.24, 0.14, 0.36
HSL	335°, 17%, 56%
HSV	335°, 24%, 64%
XYZ	27.0455, 24.0953, 28.0363
YIQ	137.4850, 18.1080, 13.2440

Conversions

Conversions Part 2

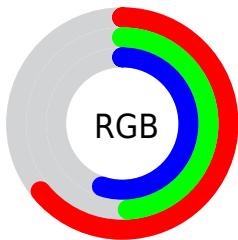
Format	Color
R _{YB}	163, 124, 140
Decimal	10714252
CIE Lab	56.18, 17.73, -2.78
CIE LCh	56, 17.952, 351.077
Yxy	24.0953, 0.3416, 0.3043
Android (android.graphics.Color)	4288904332 (0xFFA37C8C)
YUV	137.4850, 1.2399, 22.3767
Hunter-Lab	49.0870, 12.4462, 0.4971

Details

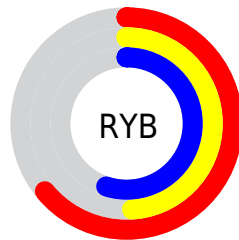
The XYZ color **27.0455, 24.0953, 28.0363** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.6768, 32.5866, 32.4892**, and the grayscale version is **23.9527, 25.2001, 27.4430**.

A 20% lighter version of the original color is **54.3732, 50.2447, 57.8714**, and **10.9171, 9.1498, 10.8636** is the 20% darker color. If you saturate the color by 10%, you get **24.4910, 20.0715, 23.8389**, and if you desaturate by 10%, it is **30.0009, 28.8214, 32.6735**.

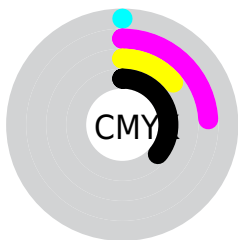
Distribution



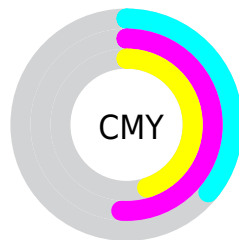
- Red (64%)
- Green (49%)
- Blue (55%)



- Red (64%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (36%)



- Cyan (36%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0455, 24.0953, 28.0363 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 27.0455, 24.0953, 28.0363 by changing the saturation by 10% instead.

■ 27.0455, 24.0953,
28.0363

■ 27.0455, 24.0953,
28.0363

280.0409,
273.3019, 306.5577

■ 17.7442, 15.4043,
18.1137

■ 54.3762, 50.1857,
57.5662

■ 10.8650, 9.1036,
10.8614

■ 73.1364, 68.3539,
78.0106

■ 6.0428, 4.8088,
5.8607

■ 95.7801, 90.4499,
102.7994

■ 2.9120, 2.1355,
2.6932

122.6729,
116.8582, 132.3511

■ 1.1074, 0.6845,
0.9400

154.1800,
147.9632, 167.0842

■ 0.0313, 0.0000,
0.0000

190.6668,

■ 0.0000, 0.0000,

184.1492, 207.4173

0.0000

232.4986,
225.8006, 253.7690

■ 27.0455, 24.0953,
28.0363

■ 27.0455, 24.0953,
28.0363

■ 24.4910, 20.0715,
23.8389

■ 30.0009, 28.8214,
32.6735

■ 22.3174, 16.7129,
20.0661

■ 33.3723, 34.2779,
37.7621

■ 20.5055, 13.9841,
16.7035

■ 37.1761, 40.4956,
43.3153

■ 19.0341, 11.8447,
13.7357

■ 41.4276, 47.5024,
49.3450

■ 17.8791, 10.2500,
11.1459

■ 46.1410, 55.3247,
55.8627

■ 17.0134, 9.1485,
8.9155

■ 51.3301, 63.9879,
62.8798

■ 16.4047, 8.4787,
7.0242

■ 57.0080, 73.5160,
70.4069

■ 16.1134, 8.1902,
6.0204

■ 63.1873, 83.9323,
78.4544

■ 64.6638, 84.8263,
85.2936

Harmonies

Analogous

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



26.1264, 24.0953, 34.0345



27.0455, 24.0953, 28.0363



26.8035, 24.0953, 22.3610

Triad

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



27.0455, 24.0953, 28.0363



21.5056, 24.0953, 17.0040



20.5005, 24.0953, 36.0965

Complementary

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



27.0455, 24.0953, 28.0363



26.6768, 32.5866, 32.4892

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.



19.3985, 24.0953, 30.5340



27.0455, 24.0953, 28.0363



19.9541, 24.0953, 19.7297

Square

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



27.0455, 24.0953, 28.0363



23.5222, 24.0953, 16.5423



19.2047, 24.0953, 24.5139



22.2925, 24.0953, 39.1255

Rectangle

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



27.0455, 24.0953, 28.0363



26.0220, 24.0953, 19.4606



19.2047, 24.0953, 24.5139



20.0417, 24.0953, 34.4248

Sweetspot

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



27.0462, 24.0964, 28.0368



57.7483, 58.1101, 64.6176



25.8073, 23.2408, 37.7763



12.8937, 12.9275, 14.3982



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.0462, 24.0964, 28.0368



45.7824, 38.9574, 45.8958



26.3649, 24.4863, 22.4069



7.1886, 7.1319, 7.9796



12.5445, 6.3739, 4.7921



0.2868, 0.1432, 0.2228

Inverse Universe

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



27.0462, 24.0964, 28.0368



45.7824, 38.9574, 45.8958



27.4513, 31.9850, 39.3774



7.1886, 7.1319, 7.9796



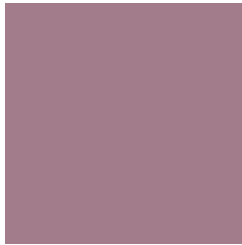
12.5445, 6.3739, 4.7921



0.2868, 0.1432, 0.2228

Previews

White Background



This preview shows how the XYZ color 27.0455, 24.0953, 28.0363 looks on a white background.

Color Contrast Check

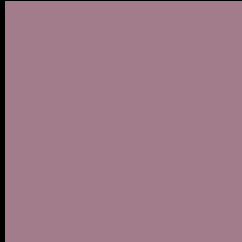
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0455, 24.0953, 28.0363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

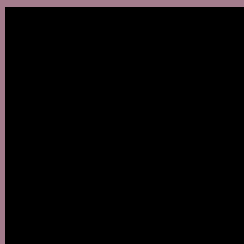
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0455, 24.0953, 28.0363

Background



This preview shows how black text looks on a background with the XYZ color 27.0455, 24.0953, 28.0363.



This preview shows how white text looks on a background with the XYZ color 27.0455, 24.0953,

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

27.0455, 24.0953, 28.0363

Protanopia

23.5449, 24.1938, 30.6231

Deuteranopia

24.6306, 24.2077, 27.8005



Tritanopia

26.6071, 24.0979, 26.1707

Trichromacy



Original Color

27.0455, 24.0953, 28.0363

Protanomaly

24.6937, 23.9986, 29.7163

Deuteranomaly

25.3283, 23.9778, 27.7193

Tritanomaly

26.7493, 24.1548, 26.9194

Monochromacy



Original Color

27.0455, 24.0953, 28.0363

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.6928, 24.4485, 27.4623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0455, 24.0953, 28.0363 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(163, 124, 140)` looks like.

```
.text, #text, p{  
    color:rgb(163, 124, 140)  
}
```

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(163, 124, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 124, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.0455, 24.0953, 28.0363 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(163, 124, 140) }
```


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

```
.border{ border-color:rgb(163, 124, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 124, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 124, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 124, 140);  
box-shadow:4px 4px 4px 4px rgb(163, 124,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0455, 24.0953, 28.0363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 124, 140) }
```

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

```
.background{ background-color: rgb(163,  
124, 140) }
```

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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