

Converting Colors

XYZ(27.0875, 26.0236, 21.3647)

Have a look what the booklet for
XYZ(27.0875, 26.0236, 21.3647)
contains.

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Color

**XYZ(27.0875, 26.0236,
21.3647)**

Conversions

Conversions Part 1

Format	Color
Hex	A48578
RGB	164, 133, 120
RGB Percent	64%, 52%, 47%
CMY	0.3569, 0.4784, 0.5294
CMYK	0.00, 0.19, 0.27, 0.36
HSL	18°, 19%, 56%
HSV	18°, 27%, 64%
XYZ	27.0875, 26.0236, 21.3647
YIQ	140.7870, 22.6490, 2.5290

Conversions

Conversions Part 2

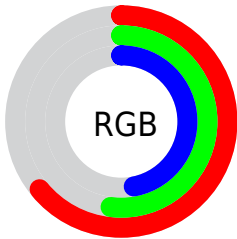
Format	Color
R_YB	164, 138, 120
Decimal	10782072
CIE _{Lab}	58.06, 9.82, 11.47
CIE _{LCh}	58, 15.097, 49.441
Yxy	26.0236, 0.3637, 0.3494
Android (android.graphics.Color)	4288972152 (0xFFA48578)
YUV	140.7870, -10.2480, 20.3578
Hunter-Lab	51.0133, 5.5081, 10.8783

Details

The XYZ color **27.0875, 26.0236, 21.3647** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **25.5129, 28.8058, 39.3374**, and the grayscale version is **25.2672, 26.5830, 28.9489**.

A 20% lighter version of the original color is **54.5205, 53.3120, 46.4464**, and **10.8185, 10.0339, 7.4974** is the 20% darker color. If you saturate the color by 10%, you get **24.6806, 22.6685, 16.0654**, and if you desaturate by 10%, it is **29.8403, 29.7973, 27.6210**.

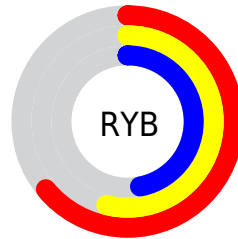
Distribution



Red (64%)

Green (52%)

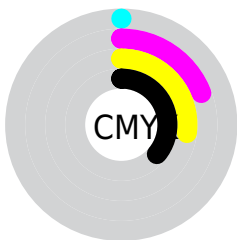
Blue (47%)



Red (64%)

Yellow (54%)

Blue (47%)

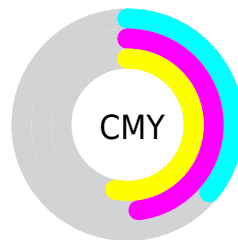


Cyan (0%)

Magenta (19%)

Yellow (27%)

Black (36%)



Cyan (36%)

Magenta (48%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0875, 26.0236, 21.3647 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 27.0875, 26.0236, 21.3647 by changing the saturation by 10% instead.

■ 27.0875, 26.0236,
21.3647

■ 27.0875, 26.0236,
21.3647

280.2404,
282.8979, 272.0548

■ 17.7759, 16.8413,
13.1970

■ 54.4431, 53.3130,
46.5824

■ 10.8879, 10.1214,
7.4320

■ 73.2179, 72.1889,
64.4694

■ 6.0582, 5.4795,
3.6512

■ 95.8777, 95.0648,
86.4333

■ 2.9215, 2.5313,
1.4360

122.7879,
122.3251, 112.8926

■ 1.1124, 0.8922,
0.1696

154.3140,
154.3541, 144.2659

■ 0.0355, 0.0000,
0.0000

190.8211,

■ 0.0000, 0.0000,

191.5364, 180.9717

0.0000

232.6748,
234.2562, 223.4284

■ 27.0875, 26.0236,
21.3647

■ 27.0875, 26.0236,
21.3647

■ 24.6806, 22.6685,
16.0654

■ 29.8403, 29.7973,
27.6210

■ 22.6033, 19.7137,
11.6738

■ 32.9503, 34.0000,
34.8769

■ 20.8408, 17.1448,
8.1387

■ 36.4309, 38.6461,
43.1745

■ 19.3765, 14.9452,
5.4031

■ 40.2942, 43.7482,
52.5529

■ 18.1919, 13.0969,
3.4029

■ 44.5515, 49.3185,
63.0492

■ 17.2665, 11.5802,
2.0642

■ 49.2140, 55.3688,
74.6986

■ 16.5722, 10.3716,
1.2778

■ 54.2921, 61.9103,
87.5351

■ 16.3860, 10.0448,
1.0752

■ 59.7960, 68.9539,
101.5910

■ 63.6395, 75.6717,
105.8597

Harmonies

Analogous

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



28.1938, 26.0236, 25.1199



27.0875, 26.0236, 21.3647



25.3833, 26.0236, 19.5586

Triad

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



27.0875, 26.0236, 21.3647



21.4425, 26.0236, 26.5331



25.9212, 26.0236, 38.9090

Complementary

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



27.0875, 26.0236, 21.3647



25.5129, 28.8058, 39.3374

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.



24.0971, 26.0236, 39.4089



27.0875, 26.0236, 21.3647



21.5707, 26.0236, 31.8139

Square

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



27.0875, 26.0236, 21.3647



22.1630, 26.0236, 22.2895



22.5222, 26.0236, 36.6777



27.4979, 26.0236, 35.3859

Rectangle

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



27.0875, 26.0236, 21.3647



24.1634, 26.0236, 19.5320



22.5222, 26.0236, 36.6777



25.3148, 26.0236, 39.4513

Sweetspot

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



27.0882, 26.0248, 21.3652



59.0260, 60.6616, 61.4596



27.6558, 23.5775, 32.5992



12.7194, 13.0130, 13.0021



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.



27.0882, 26.0248, 21.3652



46.5719, 43.6316, 33.0212



30.3329, 32.5143, 22.4468



7.2365, 7.4113, 7.4292



12.6011, 7.7761, 0.8368



0.3039, 0.2417, 0.0306

Inverse Universe

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



25.5129, 28.8058, 39.3374



43.2353, 49.5031, 71.0286



22.3675, 22.5151, 38.2890



7.0985, 7.6560, 9.0067



9.9281, 11.6357, 28.6524



0.2465, 0.3203, 0.6147

Previews

White Background



This preview shows how the XYZ color 27.0875, 26.0236, 21.3647 looks on a white background.

Color Contrast Check

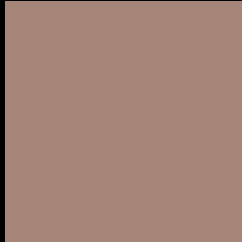
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0875, 26.0236, 21.3647 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 27.0875, 26.0236, 21.3647

Background



This preview shows how black text looks on a background with the XYZ color 27.0875, 26.0236, 21.3647.



This preview shows how white text looks on a background with the XYZ color 27.0875, 26.0236,

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

27.0875, 26.0236, 21.3647

Protanopia

24.6618, 26.0063, 22.4588

Deuteranopia

26.4125, 25.8798, 21.3725



Tritanopia

28.4421, 25.9657, 28.3238

Trichromacy



Original Color

27.0875, 26.0236, 21.3647

Protanomaly

25.5954, 26.0688, 22.0951

Deuteranomaly

26.6132, 25.9833, 21.3819

Tritanomaly

27.8670, 25.9254, 25.7257

Monochromacy



Original Color

27.0875, 26.0236, 21.3647

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.7165, 26.2600, 25.9036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0875, 26.0236, 21.3647 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(164, 133, 120)` looks like.

```
.text, #text, p{  
    color:rgb(164, 133, 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(164, 133, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 133, 120) }
```

Border

The CSS property to change the border of an element to XYZ 27.0875, 26.0236, 21.3647 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(164, 133, 120) }
```


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

```
.border{ border-color:rgb(164, 133, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 133, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 133, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 133, 120);  
box-shadow:4px 4px 4px 4px rgb(164, 133,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0875, 26.0236, 21.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 133, 120) }
```

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

```
.background{ background-color: rgb(164,  
133, 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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