

Converting Colors

XYZ(29.7986, 28.2518, 23.4784)

Have a look what the booklet for
XYZ(29.7986, 28.2518, 23.4784)
contains.

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Color

**XYZ(29.7248, 28.1683,
23.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	AC897E
RGB	172, 137, 126
RGB Percent	67%, 54%, 49%
CMY	0.3255, 0.4627, 0.5059
CMYK	0.00, 0.20, 0.27, 0.33
HSL	14°, 22%, 58%
HSV	14°, 27%, 67%
XYZ	29.7248, 28.1683, 23.6090
YIQ	146.2110, 24.3910, 3.9990

Conversions

Conversions Part 2

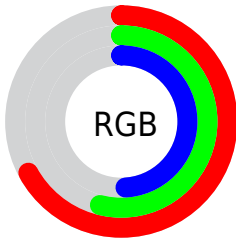
Format	Color
R_{YB}	172, 140, 126
Decimal	11307390
CIE Lab	60.04, 11.63, 10.95
CIE LCh	60, 15.973, 43.283
Yxy	28.1683, 0.3647, 0.3456
Android (android.graphics.Color)	4289497470 (0xFFAC897E)
YUV	146.2110, -9.9640, 22.6170
Hunter-Lab	53.0738, 7.0925, 10.7775

Details

The XYZ color **29.7248, 28.1683, 23.6090** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.7951, 32.9030, 43.8631**, and the grayscale version is **27.4413, 28.8704, 31.4399**.

A 20% lighter version of the original color is **58.5450, 56.5756, 50.4823**, and **12.3555, 11.2742, 8.5461** is the 20% darker color. If you saturate the color by 10%, you get **26.9604, 24.2654, 17.6746**, and if you desaturate by 10%, it is **32.9072, 32.6014, 30.6248**.

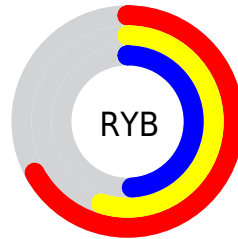
Distribution



Red (67%)

Green (54%)

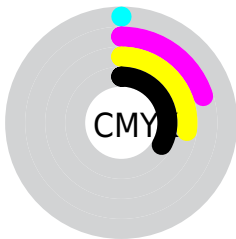
Blue (49%)



Red (67%)

Yellow (55%)

Blue (49%)

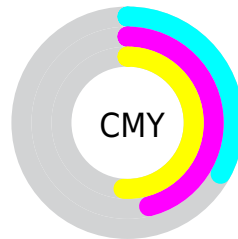


Cyan (0%)

Magenta (20%)

Yellow (27%)

Black (33%)



Cyan (33%)

Magenta (46%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7248, 28.1683, 23.6090 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 29.7248, 28.1683, 23.6090 by changing the saturation by 10% instead.

■ 29.7248, 28.1683,
23.6090

■ 29.7248, 28.1683,
23.6090

292.5525,
293.2702, 284.0603

■ 19.7768, 18.4526,
14.8343

■ 58.6163, 56.7530,
50.3272

■ 12.3402, 11.2754,
8.5579

■ 78.2906, 76.3908,
69.1078

■ 7.0497, 6.2524,
4.3611

■ 101.9376,
100.1047, 92.0608

■ 3.5398, 2.9991,
1.8255

129.9229,
128.2792, 119.6047

■ 1.4452, 1.1313,
0.4447

162.6116,
161.2986, 152.1580

■ 0.2881, 0.0045,
0.0000

200.3692,

■ 0.0000, 0.0000,

199.5473, 190.1394

0.0000

243.5610,
243.4097, 233.9673

■ 29.7248, 28.1683,
23.6090

■ 29.7248, 28.1683,
23.6090

■ 26.9604, 24.2654,
17.6746

■ 32.9072, 32.6014,
30.6248

■ 24.5939, 20.8689,
12.7658

■ 36.5220, 37.5796,
38.7706

■ 22.6070, 17.9586,
8.8245

■ 40.5858, 43.1223,
48.0941

■ 20.9788, 15.5119,
5.7856

■ 45.1135, 49.2465,
58.6397

■ 19.6864, 13.5039,
3.5765

■ 50.1194, 55.9687,
70.4496

■ 18.7039, 11.9075,
2.1128

■ 55.6170, 63.3045,
83.5638

■ 17.9979, 10.6907,
1.2758

■ 61.6195, 71.2690,
98.0206

■ 17.8112, 10.3665,
1.0622

■ 66.7233, 79.3105,
106.3995

■ 70.7518, 87.3676,
107.7424

Harmonies

Analogous

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



30.7661, 28.1683, 28.1662



29.7248, 28.1683, 23.6090



27.9148, 28.1683, 21.1383

Triad

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



29.7248, 28.1683, 23.6090



23.1966, 28.1683, 27.5578



27.6826, 28.1683, 42.9252

Complementary

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



29.7248, 28.1683, 23.6090



28.7951, 32.9030, 43.8631

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.



25.6630, 28.1683, 42.7081



29.7248, 28.1683, 23.6090



23.1415, 28.1683, 33.3189

Square

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



29.7248, 28.1683, 23.6090



24.1782, 28.1683, 23.2124



24.0236, 28.1683, 39.0159



29.5474, 28.1683, 39.5761

Rectangle

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



29.7248, 28.1683, 23.6090



26.5496, 28.1683, 20.7851



24.0236, 28.1683, 39.0159



26.9979, 28.1683, 43.2784

Sweetspot

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



29.7255, 28.1696, 23.6096



65.2900, 66.8499, 68.1404



30.9309, 26.2753, 37.2833



13.9721, 14.2302, 14.3171



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.



29.7255, 28.1696, 23.6096



50.9121, 46.8606, 36.3222



33.3040, 35.3265, 24.8024



8.1550, 8.3149, 8.3885



13.2912, 7.7878, 0.8027



0.4118, 0.3007, 0.0363

Inverse Universe

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



28.7951, 32.9030, 43.8631



48.9358, 56.8701, 79.2036



25.1777, 25.6681, 42.6573



8.0715, 8.7425, 10.2147



11.6109, 14.3556, 31.2035



0.3618, 0.4770, 0.8810

Previews

White Background



This preview shows how the XYZ color 29.7248, 28.1683, 23.6090 looks on a white background.

Color Contrast Check

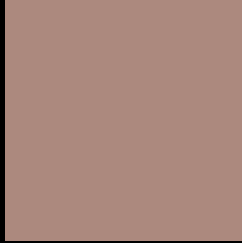
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7248, 28.1683, 23.6090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

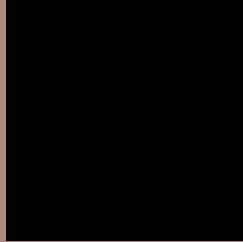
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7248, 28.1683, 23.6090

Background



This preview shows how black text looks on a background with the XYZ color 29.7248, 28.1683, 23.6090.



This preview shows how white text looks on a background with the XYZ color 29.7248, 28.1683,

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

29.7248, 28.1683, 23.6090

Protanopia

26.7650, 28.1375, 25.1395

Deuteranopia

28.8699, 28.3695, 23.6929



Tritanopia

31.0915, 28.0932, 30.5719

Trichromacy



Original Color

29.7248, 28.1683, 23.6090

Protanomaly

27.7854, 28.0057, 24.7101

Deuteranomaly

29.1470, 28.2964, 23.6642

Tritanomaly

30.4850, 28.0472, 27.8517

Monochromacy



Original Color

29.7248, 28.1683, 23.6090

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.0002, 28.4776, 28.4470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7248, 28.1683, 23.6090 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(172, 137, 126)` looks like.

```
.text, #text, p{  
    color:rgb(172, 137, 126)  
}
```

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(172, 137, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 137, 126) }
```

Border

The CSS property to change the border of an element to XYZ 29.7248, 28.1683, 23.6090 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(172, 137, 126) }
```


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

```
.border{ border-color:rgb(172, 137, 126) }
```

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

Here you see how a box with a 4 pixel rgb(172, 137, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 137, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 137, 126);  
box-shadow:4px 4px 4px 4px rgb(172, 137,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7248, 28.1683, 23.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 137, 126) }
```

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

```
.background{ background-color: rgb(172,  
137, 126) }
```

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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