

Converting Colors

XYZ(28.4982, 23.1772, 18.1990)

Have a look what the booklet for
XYZ(28.4982, 23.1772, 18.1990)
contains.

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Color

**XYZ(28.5969, 23.1705,
18.2944)**

Conversions

Conversions Part 1

Format	Color
Hex	B87170
RGB	184, 113, 112
RGB Percent	72%, 44%, 44%
CMY	0.2784, 0.5568, 0.5608
CMYK	0.00, 0.39, 0.39, 0.28
HSL	1°, 34%, 58%
HSV	1°, 39%, 72%
XYZ	28.5969, 23.1705, 18.2944
YIQ	134.1150, 42.6370, 14.7410

Conversions

Conversions Part 2

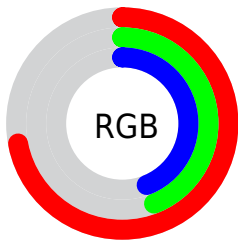
Format	Color
RYB	184, 113, 112
Decimal	12087664
CIELab	55.25, 27.94, 12.48
CIELCh	55, 30.599, 24.069
Yxy	23.1705, 0.4082, 0.3307
Android (android.graphics.Color)	4290277744 (0xFFB87170)
YUV	134.1150, -10.9027, 43.7491
Hunter-Lab	48.1357, 21.8073, 11.1614

Details

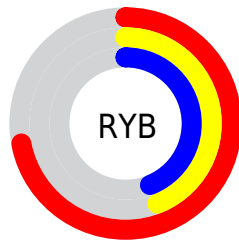
The XYZ color **28.5969, 23.1705, 18.2944** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.2664, 40.7705, 51.5161**, and the grayscale version is **22.7307, 23.9145, 26.0429**.

A 20% lighter version of the original color is **56.9550, 48.8300, 41.5452**, and **11.6609, 8.6262, 5.9009** is the 20% darker color. If you saturate the color by 10%, you get **25.8494, 19.1509, 12.8301**, and if you desaturate by 10%, it is **31.9596, 28.0854, 24.9970**.

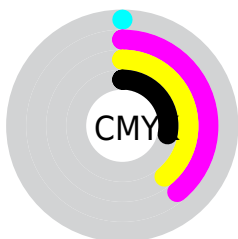
Distribution



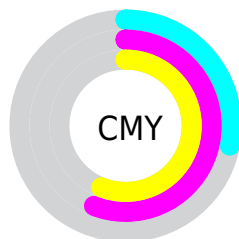
- Red (72%)
- Green (44%)
- Blue (44%)



- Red (72%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (39%)
- Yellow (39%)
- Black (28%)





- Cyan (28%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5969, 23.1705, 18.2944 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 28.5969, 23.1705, 18.2944 by changing the saturation by 10% instead.


 28.5969, 23.1705,
18.2944


 28.5969, 23.1705,
18.2944


287.3369,
268.5995, 254.8168


 18.9188, 14.7195,
10.9899


 56.8380, 48.6731,
41.3590


 11.7153, 8.6227,
5.9460


 76.1318, 66.4935,
57.9563

 6.6209, 4.4959,
2.7440


 99.3615, 88.2058,
78.4882

 3.2704, 1.9547,
0.9655

 126.8926,
114.1944, 103.3733

 1.2983, 0.5809,
0.0000

159.0903,
144.8436, 133.0302

 0.1820, 0.0000,
0.0000

196.3200,

 0.0000, 0.0000,

180.5380, 167.8774

0.0000

238.9471,
221.6618, 208.3334

■ 28.5969, 23.1705,
18.2944

■ 28.5969, 23.1705,
18.2944

■ 25.8494, 19.1509,
12.8301

■ 31.9596, 28.0854,
24.9970

■ 23.6782, 15.9696,
8.5272

■ 35.9697, 33.9413,
33.0060

■ 22.0429, 13.5682,
5.3021


■ 40.6593, 40.7849,
42.3860


■ 20.8969, 11.8797,
3.0595


■ 46.0579, 48.6590,
53.1968


■ 20.1858, 10.8257,
1.6875


■ 52.1931, 57.6036,
65.4950

 19.8209, 10.2838,
0.9863

 59.0912, 67.6567,
79.3338

 19.7949, 10.2460,
0.9344

 66.7771, 78.8544,
94.7640

 73.5771, 88.9303,
107.8951

Harmonies

Analogous

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



29.2410, 23.1705, 27.2274



28.5969, 23.1705, 18.2944



26.1161, 23.1705, 12.8350

Triad

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



28.5969, 23.1705, 18.2944



17.1110, 23.1705, 15.7038



21.3496, 23.1705, 49.0108

Complementary

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



28.5969, 23.1705, 18.2944



32.2664, 40.7705, 51.5161

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.



18.3814, 23.1705, 43.7808



28.5969, 23.1705, 18.2944



16.1026, 23.1705, 23.3303

Square

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



28.5969, 23.1705, 18.2944



19.4457, 23.1705, 11.6331



16.5425, 23.1705, 33.7253



24.8182, 23.1705, 46.6547

Rectangle

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



28.5969, 23.1705, 18.2944



23.8796, 23.1705, 11.0954



16.5425, 23.1705, 33.7253



20.2649, 23.1705, 48.0470

Sweetspot

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



28.5975, 23.1716, 18.2948



70.9614, 69.9290, 71.3435



34.2131, 25.2395, 48.4157



15.0573, 14.7243, 14.8991



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.5975, 23.1716, 18.2948



47.4662, 35.6048, 24.4634



33.2817, 32.5401, 19.8563



9.0144, 9.0317, 9.3751



13.6469, 7.0702, 0.6454



0.4845, 0.2561, 0.0239

Inverse Universe

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



32.2664, 40.7705, 51.5161



55.0541, 72.0125, 93.2028



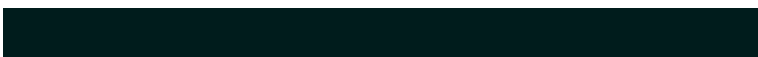
25.9239, 28.0854, 49.4019



9.2557, 10.1885, 11.5582



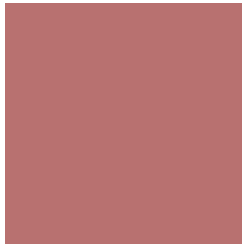
17.4162, 25.2922, 35.2170



0.6174, 0.8985, 1.2426

Previews

White Background



This preview shows how the XYZ color 28.5969, 23.1705, 18.2944 looks on a white background.

Color Contrast Check

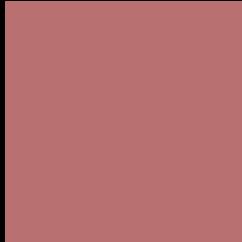
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5969, 23.1705, 18.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

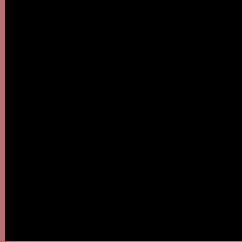
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5969, 23.1705, 18.2944

Background



This preview shows how black text looks on a background with the XYZ color 28.5969, 23.1705, 18.2944.



This preview shows how white text looks on a background with the XYZ color 28.5969, 23.1705,

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

28.5969, 23.1705, 18.2944

Protanopia

22.2453, 23.3109, 21.7394

Deuteranopia

23.8059, 23.4125, 17.7324



Tritanopia

29.1919, 23.2587, 20.7201

Trichromacy



Original Color

28.5969, 23.1705, 18.2944

Protanomaly

24.1212, 22.9438, 20.2968

Deuteranomaly

25.4145, 23.2910, 17.9080

Tritanomaly

29.0126, 23.1870, 19.7760

Monochromacy



Original Color

28.5969, 23.1705, 18.2944

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.1756, 23.1035, 22.9239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5969, 23.1705, 18.2944 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(184, 113, 112)` looks like.

```
.text, #text, p{  
    color:rgb(184, 113, 112)  
}
```

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(184, 113, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 113, 112) }
```

Border

The CSS property to change the border of an element to XYZ 28.5969, 23.1705, 18.2944 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(184, 113, 112) }
```


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

```
.border{ border-color:rgb(184, 113, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 113, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 113, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 113, 112);  
box-shadow:4px 4px 4px 4px rgb(184, 113,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5969, 23.1705, 18.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 113, 112) }
```

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

```
.background{ background-color: rgb(184,  
113, 112) }
```

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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