

Converting Colors

XYZ(28.3295, 23.6027, 8.6280)

Have a look what the booklet for
XYZ(28.3295, 23.6027, 8.6280)
contains.

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Color

**XYZ(28.4401, 23.6383,
8.6939)**

Conversions

Conversions Part 1

Format	Color
Hex	BE7345
RGB	190, 115, 69
RGB Percent	75%, 45%, 27%
CMY	0.2549, 0.5490, 0.7294
CMYK	0.00, 0.39, 0.64, 0.25
HSL	23°, 48%, 51%
HSV	23°, 64%, 75%
XYZ	28.4401, 23.6383, 8.6939
YIQ	132.1810, 59.4660, 1.5940

Conversions

Conversions Part 2

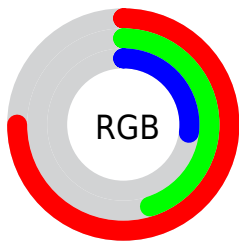
Format	Color
RYB	190, 143, 69
Decimal	12481349
CIELab	55.72, 25.27, 37.54
CIElCh	56, 45.254, 56.051
Yxy	23.6383, 0.4680, 0.3890
Android (android.graphics.Color)	4290671429 (0xFFBE7345)
YUV	132.1810, -31.1482, 50.7073
Hunter-Lab	48.6192, 19.3309, 23.4315

Details

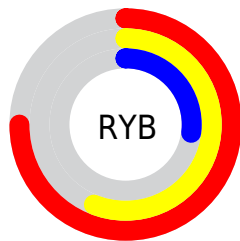
The XYZ color **28.4401, 23.6383, 8.6939** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21.7211, 24.9280, 52.3816**, and the grayscale version is **22.0920, 23.2425, 25.3111**.

A 20% lighter version of the original color is **56.5728, 49.2933, 23.9856**, and **11.6088, 8.8599, 1.8573** is the 20% darker color. If you saturate the color by 10%, you get **26.6839, 20.9236, 5.6500**, and if you desaturate by 10%, it is **30.5578, 26.7741, 12.7901**.

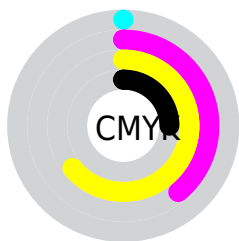
Distribution



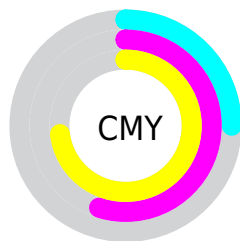
- Red (75%)
- Green (45%)
- Blue (27%)



- Red (75%)
- Yellow (56%)
- Blue (27%)



- Cyan (0%)
- Magenta (39%)
- Yellow (64%)
- Black (25%)





- Cyan (25%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4401, 23.6383, 8.6939 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 28.4401, 23.6383, 8.6939 by changing the saturation by 10% instead.


 28.4401, 23.6383,
8.6939


 28.4401, 23.6383,
8.6939


286.6060,
270.9867, 191.2109


 18.7998, 15.0655,
4.4480


 56.5901, 49.4393,
23.8762

 11.6289, 8.8654,
1.8742


 75.8305, 67.4363,
35.6497

 6.5619, 4.6535,
0.4762


 99.0016, 89.3436,
50.7694

 3.2335, 2.0454,
0.0000

 126.4689,
115.5454, 69.6539

 1.2784, 0.6337,
0.0000

 158.5976,
146.4263, 92.7218

 0.1670, 0.0000,
0.0000

195.7531,

 0.0000, 0.0000,

182.3705, 120.3916

0.0000

238.3008,
223.7625, 153.0818

■ 28.4401, 23.6383,
8.6939

■ 28.4401, 23.6383,
8.6939

■ 26.6839, 20.9236,
5.6500

■ 30.5578, 26.7741,
12.7901

■ 25.2624, 18.6060,
3.5563

■ 33.0577, 30.3460,
18.0253

■ 24.1465, 16.6638,
2.2917

■ 35.9607, 34.3728,
24.4783

■ 23.5679, 15.6128,
1.7714

■ 39.2857, 38.8708,
32.2207

■ 43.0500, 43.8554,
41.3184

■ 47.2702, 49.3415,
51.8327

■ 51.9617, 55.3430,
63.8213

■ 57.1393, 61.8735,
77.3384

■ 62.8172, 68.9460,
92.4358

Harmonies

Analogous

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



32.5482, 23.6383, 15.2162



28.4401, 23.6383, 8.6939



23.1539, 23.6383, 6.5877

Triad

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



28.4401, 23.6383, 8.6939



13.9920, 23.6383, 23.8407



27.0850, 23.6383, 60.3845

Complementary

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



28.4401, 23.6383, 8.6939



21.7211, 24.9280, 52.3816

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.



21.7948, 23.6383, 65.4712



28.4401, 23.6383, 8.6939



14.7181, 23.6383, 40.2487

Square

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



28.4401, 23.6383, 8.6939



15.2366, 23.6383, 12.9633



17.3957, 23.6383, 57.0133



31.6860, 23.6383, 44.9627

Rectangle

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



28.4401, 23.6383, 8.6939



19.8485, 23.6383, 7.0136



17.3957, 23.6383, 57.0133



25.3073, 23.6383, 63.5624

Sweetspot

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



28.4407, 23.6395, 8.6943



74.0770, 74.2825, 65.2941



28.5231, 17.2674, 28.8745



15.8433, 15.7488, 13.3223



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.4407, 23.6395, 8.6943



47.3747, 36.3464, 8.7060



37.4195, 41.5972, 11.6873



9.8195, 10.1149, 10.0115



15.7419, 10.5226, 1.2014



0.6802, 0.5393, 0.0682

Inverse Universe

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



21.7211, 24.9280, 52.3816



34.1690, 38.6802, 93.9443



15.0076, 11.5011, 50.1438



9.4956, 10.1834, 12.1373



10.5468, 11.2054, 33.9999



0.4744, 0.5614, 1.3522

Previews

White Background



This preview shows how the XYZ color 28.4401, 23.6383, 8.6939 looks on a white background.

Color Contrast Check

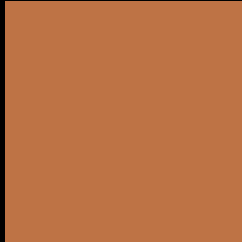
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4401, 23.6383, 8.6939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

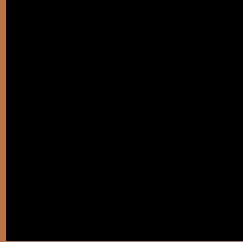
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4401, 23.6383, 8.6939

Background



This preview shows how black text looks on a background with the XYZ color 28.4401, 23.6383, 8.6939.



This preview shows how white text looks on a background with the XYZ color 28.4401, 23.6383,

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

28.4401, 23.6383, 8.6939

Protanopia

21.8622, 23.7750, 10.2743

Deuteranopia

24.2196, 23.8310, 8.4776



Tritanopia

30.6718, 23.5591, 19.7604

Trichromacy



Original Color

28.4401, 23.6383, 8.6939

Protanomaly

23.8962, 23.4463, 9.5695

Deuteranomaly

25.5516, 23.5698, 8.5129

Tritanomaly

29.7229, 23.4954, 15.0251

Monochromacy



Original Color

28.4401, 23.6383, 8.6939

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.3580, 22.7981, 17.6374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4401, 23.6383, 8.6939 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(190, 115, 69)` looks like.

```
.text, #text, p{  
    color:rgb(190, 115, 69)  
}
```

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(190, 115, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 115, 69) }
```

Border

The CSS property to change the border of an element to XYZ 28.4401, 23.6383, 8.6939 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(190, 115, 69) }
```


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

```
.border{ border-color:rgb(190, 115, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 115, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 115, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 115, 69);  
box-shadow:4px 4px 4px 4px rgb(190, 115,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4401, 23.6383, 8.6939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 115, 69) }
```

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

```
.background{ background-color: rgb(190,  
115, 69) }
```

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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