

Converting Colors

XYZ(26.8746, 23.2946, 7.1839)

Have a look what the booklet for
XYZ(26.8746, 23.2946, 7.1839)
contains.

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Color

**XYZ(27.0350, 23.4630,
7.2416)**

Conversions

Conversions Part 1

Format	Color
Hex	B8763B
RGB	184, 118, 59
RGB Percent	72%, 46%, 23%
CMY	0.2784, 0.5372, 0.7686
CMYK	0.00, 0.36, 0.68, 0.28
HSL	28°, 51%, 48%
HSV	28°, 68%, 72%
XYZ	27.0350, 23.4630, 7.2416
YIQ	131.0080, 58.2750, -4.3570

Conversions

Conversions Part 2

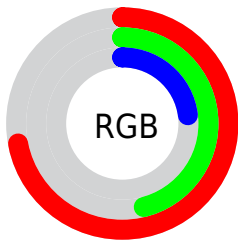
Format	Color
RYB	184, 171, 59
Decimal	12088891
CIELab	55.55, 20.44, 42.32
CIELCh	56, 47.000, 64.225
Yxy	23.4630, 0.4682, 0.4064
Android (android.graphics.Color)	4290278971 (0xFFB8763B)
YUV	131.0080, -35.4999, 46.4740
Hunter-Lab	48.4386, 14.8584, 25.0431

Details

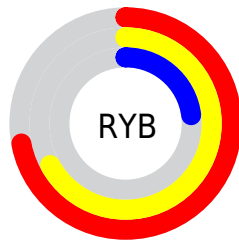
The XYZ color **27.0350, 23.4630, 7.2416** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.7885, 19.0567, 48.0878**, and the grayscale version is **21.6851, 22.8144, 24.8449**.

A 20% lighter version of the original color is **54.4433, 49.0867, 21.0732**, and **10.7816, 8.7116, 1.3717** is the 20% darker color. If you saturate the color by 10%, you get **25.5536, 21.1342, 4.7941**, and if you desaturate by 10%, it is **28.8035, 26.0971, 10.6149**.

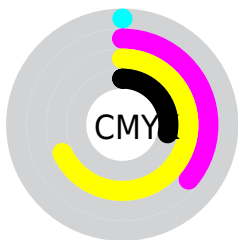
Distribution



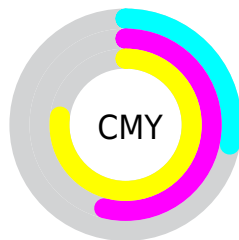
- Red (72%)
- Green (46%)
- Blue (23%)



- Red (72%)
- Yellow (67%)
- Blue (23%)



- Cyan (0%)
- Magenta (36%)
- Yellow (68%)
- Black (28%)





- Cyan (28%)
- Magenta (54%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0350, 23.4630, 7.2416 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 27.0350, 23.4630, 7.2416 by changing the saturation by 10% instead.


 27.0350, 23.4630,
7.2416


 27.0350, 23.4630,
7.2416


279.9910,
270.0942, 179.3628

 17.7362, 14.9358,
3.5329


 54.3595, 49.1525,
20.9787

 10.8593, 8.7743,
1.3728


 73.1160, 67.0835,
31.8442

 6.0389, 4.5943,
0.1203


 95.7557, 88.9179,
45.9324

 2.9096, 2.0112,
0.0000

 122.6441,
115.0400, 63.6619

 1.1062, 0.6140,
0.0000

 154.1464,
145.8343, 85.4511

 0.0303, 0.0000,
0.0000

 190.6281,

 0.0000, 0.0000,

181.6852, 111.7186

0.0000

232.4545,
222.9770, 142.8830

■ 27.0350, 23.4630,
7.2416

■ 27.0350, 23.4630,
7.2416

■ 25.5536, 21.1342,
4.7941

■ 28.8035, 26.0971,
10.6149

■ 24.3356, 19.0926,
3.1719

■ 30.8767, 29.0462,
14.9976

■ 23.3487, 17.3204,
2.2217

■ 33.2726, 32.3235,
20.4652

■ 23.1634, 16.9831,
2.0572

■ 36.0070, 35.9404,
27.0857

■ 39.0945, 39.9076,
34.9212

■ 42.5489, 44.2353,
44.0297

■ 46.3830, 48.9332,
54.4652

■ 50.6091, 54.0105,
66.2785

■ 55.2389, 59.4761,
79.5179

Harmonies

Analogous

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



31.8386, 23.4630, 12.3914



27.0350, 23.4630, 7.2416



21.5582, 23.4630, 6.0893

Triad

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



27.0350, 23.4630, 7.2416



13.5995, 23.4630, 27.7593



28.5413, 23.4630, 58.0973

Complementary

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



27.0350, 23.4630, 7.2416



17.7885, 19.0567, 48.0878

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.



23.0605, 23.4630, 67.1365



27.0350, 23.4630, 7.2416



14.8880, 23.4630, 45.7422

Square

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



27.0350, 23.4630, 7.2416



14.3215, 23.4630, 14.8368



18.1544, 23.4630, 61.8973



32.8005, 23.4630, 40.4653

Rectangle

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



27.0350, 23.4630, 7.2416



18.3734, 23.4630, 7.0984



18.1544, 23.4630, 61.8973



26.7516, 23.4630, 62.5018

Sweetspot

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



27.0355, 23.4642, 7.2420



69.4665, 70.5585, 59.6877



25.0755, 14.8162, 21.1644



14.6344, 14.7739, 11.9973



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.



27.0355, 23.4642, 7.2420



45.0660, 36.2360, 6.9186



36.8440, 43.0811, 10.5115



9.3448, 9.6925, 9.4852



16.0340, 11.8443, 1.4411



0.6273, 0.5416, 0.0715

Inverse Universe

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



17.7885, 19.0567, 48.0878



27.1072, 27.6325, 86.1095



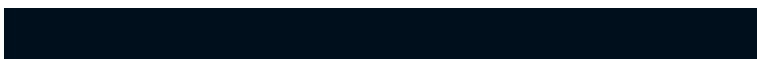
12.2423, 7.9642, 46.2390



8.9030, 9.4832, 11.4406



8.9894, 8.4385, 32.4081



0.3783, 0.4204, 1.1629

Previews

White Background



This preview shows how the XYZ color 27.0350, 23.4630, 7.2416 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 27.0350, 23.4630, 7.2416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

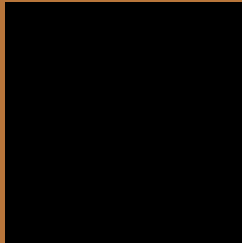
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0350, 23.4630, 7.2416

Background



This preview shows how black text looks on a background with the XYZ color 27.0350, 23.4630, 7.2416.



This preview shows how white text looks on a background with the XYZ color 27.0350, 23.4630,

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

27.0350, 23.4630, 7.2416

Protanopia

21.6633, 23.7163, 8.2864

Deuteranopia

24.0538, 23.5811, 7.1547



Tritanopia

29.8136, 23.4163, 20.7177

Trichromacy



Original Color

27.0350, 23.4630, 7.2416

Protanomaly

23.2866, 23.3632, 7.8396

Deuteranomaly

25.2050, 23.6050, 7.2308

Tritanomaly

28.7154, 23.4813, 14.5741

Monochromacy



Original Color

27.0350, 23.4630, 7.2416

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.5883, 22.4257, 16.5027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0350, 23.4630, 7.2416 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, 118, 59)` looks like.

```
.text, #text, p{  
    color:rgb(184, 118, 59)  
}
```

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, 118, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 118, 59) }
```

Border

The CSS property to change the border of an element to XYZ 27.0350, 23.4630, 7.2416 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, 118, 59) }
```


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

```
.border{ border-color:rgb(184, 118, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 118, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 118, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 118, 59);  
box-shadow:4px 4px 4px 4px rgb(184, 118,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0350, 23.4630, 7.2416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 118, 59) }
```

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

```
.background{ background-color: rgb(184,  
118, 59) }
```

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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