

Converting Colors

XYZ(27.2725, 23.1628, 7.3643)

Have a look what the booklet for
XYZ(27.2725, 23.1628, 7.3643)
contains.

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Color

**XYZ(27.3107, 23.2561,
7.3244)**

Conversions

Conversions Part 1

Format	Color
Hex	BA743C
RGB	186, 116, 60
RGB Percent	73%, 45%, 24%
CMY	0.2706, 0.5451, 0.7647
CMYK	0.00, 0.38, 0.68, 0.27
HSL	27°, 51%, 48%
HSV	27°, 68%, 73%
XYZ	27.3107, 23.2561, 7.3244
YIQ	130.5460, 59.6960, -2.5760

Conversions

Conversions Part 2

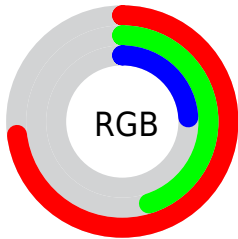
Format	Color
RYB	186, 161, 60
Decimal	12219452
CIELab	55.34, 22.46, 41.65
CIElCh	55, 47.322, 61.665
Yxy	23.2561, 0.4718, 0.4017
Android (android.graphics.Color)	4290409532 (0xFFBA743C)
YUV	130.5460, -34.7792, 48.6332
Hunter-Lab	48.2246, 16.6957, 24.7522

Details

The XYZ color **27.3107, 23.2561, 7.3244** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.7085, 20.4700, 49.4192**, and the grayscale version is **21.5171, 22.6377, 24.6525**.

A 20% lighter version of the original color is **54.8231, 48.7239, 21.2670**, and **10.9696, 8.6277, 1.4038** is the 20% darker color. If you saturate the color by 10%, you get **25.7772, 20.8427, 4.7992**, and if you desaturate by 10%, it is **29.1505, 26.0060, 10.8046**.

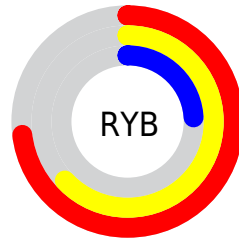
Distribution



Red (73%)

Green (45%)

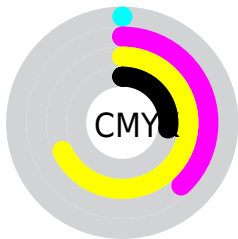
Blue (24%)



Red (73%)

Yellow (63%)

Blue (24%)

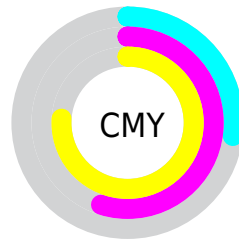


Cyan (0%)

Magenta (38%)

Yellow (68%)

Black (27%)



Cyan (27%)


Magenta (55%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3107, 23.2561, 7.3244 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 27.3107, 23.2561, 7.3244 by changing the saturation by 10% instead.


 27.3107, 23.2561,
7.3244


 27.3107, 23.2561,
7.3244


281.2985,
269.0377, 180.0646


 17.9445, 14.7827,
3.5843


 54.7984, 48.8135,
21.1468

 11.0096, 8.6670,
1.4002


 73.6506, 66.6663,
32.0661

 6.1406, 4.5246,
0.1419


 96.3956, 88.4144,
46.2157

 2.9723, 1.9712,
0.0000

 123.3986,
114.4421, 64.0139

 1.1391, 0.5906,
0.0000

 155.0251,
145.1340, 85.8793

 0.0575, 0.0000,
0.0000

 191.6403,

 0.0000, 0.0000,

180.8742, 112.2306

0.0000

233.6097,
222.0473, 143.4861

■ 27.3107, 23.2561,
7.3244

■ 27.3107, 23.2561,
7.3244

■ 25.7772, 20.8427,
4.7992

■ 29.1505, 26.0060,
10.8046

■ 24.5252, 18.7459,
3.1259

■ 31.3156, 29.1037,
15.3256

■ 23.5217, 16.9464,
2.1519

■ 33.8246, 32.5638,
20.9652

■ 23.3179, 16.5757,
1.9704

■ 36.6946, 36.3992,
27.7931

■ 39.9410, 40.6220,
35.8733

■ 43.5784, 45.2435,
45.2653

■ 47.6205, 50.2748,
56.0248

■ 52.0804, 55.7261,
68.2040

■ 56.9704, 61.6077,
81.8525

Harmonies

Analogous

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



31.9783, 23.2561, 12.8689



27.3107, 23.2561, 7.3244



21.8091, 23.2561, 5.9017

Triad

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



27.3107, 23.2561, 7.3244



13.3916, 23.2561, 26.1805



27.9062, 23.2561, 59.2358

Complementary

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



27.3107, 23.2561, 7.3244



18.7085, 20.4700, 49.4192

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.



22.4020, 23.2561, 67.2153



27.3107, 23.2561, 7.3244



14.5059, 23.2561, 43.9730

Square

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



27.3107, 23.2561, 7.3244



14.2832, 23.2561, 13.8283



17.6054, 23.2561, 60.7446



32.3590, 23.2561, 41.8825

Rectangle

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



27.3107, 23.2561, 7.3244



18.5466, 23.2561, 6.7135



17.6054, 23.2561, 60.7446



26.0900, 23.2561, 63.3570

Sweetspot

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



27.3112, 23.2573, 7.3248



70.8048, 71.5793, 61.0056



25.9895, 15.3205, 23.2027



15.2220, 15.2824, 12.5090



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.3112, 23.2573, 7.3248



45.6186, 35.9611, 7.1244



36.9061, 42.4470, 10.5231



9.3244, 9.6517, 9.4784



15.7601, 11.2965, 1.3498



0.6175, 0.5220, 0.0682

Inverse Universe

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



18.7085, 20.4700, 49.4192



28.9194, 30.4610, 88.5567



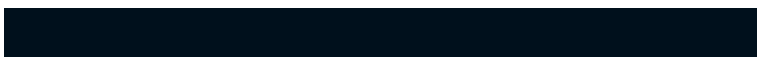
12.8179, 8.6888, 47.4557



8.9236, 9.5245, 11.4475



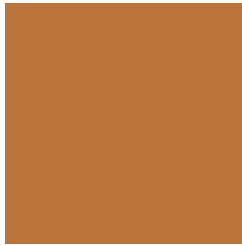
9.3234, 9.1065, 32.5194



0.3894, 0.4424, 1.1666

Previews

White Background



This preview shows how the XYZ color 27.3107, 23.2561, 7.3244 looks on a white background.

Color Contrast Check

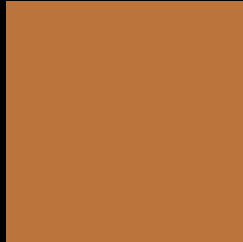
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3107, 23.2561, 7.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

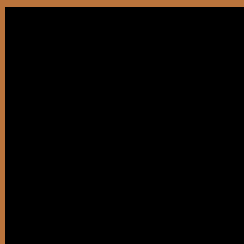
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3107, 23.2561, 7.3244

Background



This preview shows how black text looks on a background with the XYZ color 27.3107, 23.2561, 7.3244.



This preview shows how white text looks on a background with the XYZ color 27.3107, 23.2561,

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

27.3107, 23.2561, 7.3244

Protanopia

21.3743, 23.3598, 8.3834

Deuteranopia

23.7164, 23.2164, 7.1021



Tritanopia

30.0811, 23.4070, 20.0721

Trichromacy



Original Color

27.3107, 23.2561, 7.3244

Protanomaly

23.1845, 23.1147, 7.9423

Deuteranomaly

24.9568, 23.1088, 7.1481

Tritanomaly

28.9381, 23.2702, 14.2757

Monochromacy



Original Color

27.3107, 23.2561, 7.3244

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.7732, 22.5209, 16.5113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3107, 23.2561, 7.3244 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(186, 116, 60)` looks like.

```
.text, #text, p{  
    color:rgb(186, 116, 60)  
}
```

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(186, 116, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 116, 60) }
```

Border

The CSS property to change the border of an element to XYZ 27.3107, 23.2561, 7.3244 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(186, 116, 60) }
```


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

```
.border{ border-color:rgb(186, 116, 60) }
```

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

Here you see how a box with a 4 pixel rgb(186, 116, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 116, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 116, 60);  
box-shadow:4px 4px 4px 4px rgb(186, 116,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3107, 23.2561, 7.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 116, 60) }
```

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

```
.background{ background-color: rgb(186,  
116, 60) }
```

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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