

Converting Colors

XYZ(26.8483, 22.7646, 6.2512)

Have a look what the booklet for
XYZ(26.8483, 22.7646, 6.2512)
contains.

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Color

**XYZ(26.8868, 22.7217,
6.2174)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7234
RGB	186, 114, 52
RGB Percent	73%, 45%, 20%
CMY	0.2706, 0.5529, 0.7961
CMYK	0.00, 0.39, 0.72, 0.27
HSL	28°, 56%, 47%
HSV	28°, 72%, 73%
XYZ	26.8868, 22.7217, 6.2174
YIQ	128.4600, 62.8140, -4.0180

Conversions

Conversions Part 2

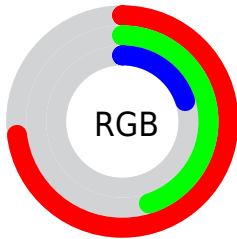
Format	Color
RYB	186, 167, 52
Decimal	12218932
CIELab	54.78, 23.12, 45.03
CIELCh	55, 50.615, 62.822
Yxy	22.7217, 0.4816, 0.4070
Android (android.graphics.Color)	4290409012 (0xFFBA7234)
YUV	128.4600, -37.6948, 50.4626
Hunter-Lab	47.6673, 17.2654, 25.6337

Details

The XYZ color **26.8868, 22.7217, 6.2174** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.4861, 18.6892, 49.1397**, and the grayscale version is **20.7902, 21.8729, 23.8196**.

A 20% lighter version of the original color is **54.0405, 47.8246, 18.9532**, and **10.7924, 8.3698, 1.0467** is the 20% darker color. If you saturate the color by 10%, you get **25.4812, 20.4542, 4.0736**, and if you desaturate by 10%, it is **28.5816, 25.3039, 9.2721**.

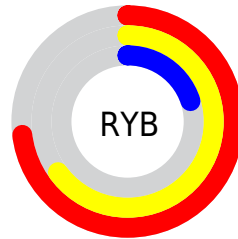
Distribution



Red (73%)

Green (45%)

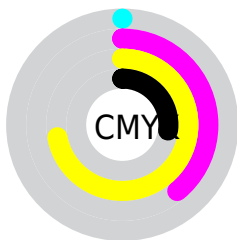
Blue (20%)



Red (73%)

Yellow (65%)

Blue (20%)

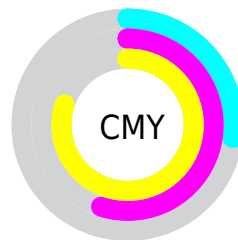


Cyan (0%)

Magenta (39%)

Yellow (72%)

Black (27%)



Cyan (27%)


Magenta (55%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8868, 22.7217, 6.2174 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 26.8868, 22.7217, 6.2174 by changing the saturation by 10% instead.

 26.8868, 22.7217,
6.2174


 26.8868, 22.7217,
6.2174


279.2862,
266.2924, 170.3689


 17.6244, 14.3881,
2.9068


 54.1233, 47.9360,
18.8659


 10.7787, 8.3911,
1.0472


 72.8282, 65.5854,
29.0409


 5.9844, 4.3462,
0.0000


 95.4111, 87.1090,
42.3410

 2.8762, 1.8691,
0.0000

 122.2377,
112.8911, 59.1850

 1.0886, 0.5297,
0.0000

 153.6731,
143.3161, 79.9912

 0.0156, 0.0000,
0.0000

 190.0827,

 0.0000, 0.0000,

178.7684, 105.1782

0.0000

231.8320,
219.6323, 135.1646

■ 26.8868, 22.7217,
6.2174

■ 26.8868, 22.7217,
6.2174

■ 25.4812, 20.4542,
4.0736

■ 28.5816, 25.3039,
9.2721

■ 24.3387, 18.4818,
2.7291

■ 30.5852, 28.2117,
13.3290

■ 23.5826, 17.1052,
2.0587

■ 32.9167, 31.4596,
18.4693

■ 35.5934, 35.0599,
24.7659

■ 38.6308, 39.0242,
32.2848

■ 42.0437, 43.3636,
41.0874

■ 45.8456, 48.0884,
51.2305

■ 50.0497, 53.2087,
62.7679

■ 54.6683, 58.7341,
75.7502

Harmonies

Analogous

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



31.9461, 22.7217, 11.5251



26.8868, 22.7217, 6.2174



21.0714, 22.7217, 4.9727

Triad

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



26.8868, 22.7217, 6.2174



12.5418, 22.7217, 26.2869



27.9616, 22.7217, 60.6700

Complementary

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



26.8868, 22.7217, 6.2174



17.4861, 18.6892, 49.1397

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.



22.1299, 22.7217, 69.9775



26.8868, 22.7217, 6.2174



13.7648, 22.7217, 45.4564

Square

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



26.8868, 22.7217, 6.2174



13.3766, 22.7217, 13.1757



17.0497, 22.7217, 63.4682



32.6381, 22.7217, 41.6309

Rectangle

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



26.8868, 22.7217, 6.2174



17.6899, 22.7217, 5.8320



17.0497, 22.7217, 63.4682



26.0392, 22.7217, 65.3389

Sweetspot

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



26.8873, 22.7229, 6.2178



69.8337, 70.4927, 58.0443



25.2241, 14.3937, 21.0862



15.0353, 15.0796, 11.9201



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.



26.8873, 22.7229, 6.2178



45.0162, 35.0863, 5.9067



37.0495, 43.0472, 9.6052



9.3379, 9.6787, 9.4829



15.9393, 11.6549, 1.4095



0.6239, 0.5349, 0.0704

Inverse Universe

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



17.4861, 18.6892, 49.1397



26.9769, 27.2753, 88.0442



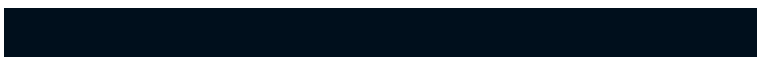
11.8277, 7.3725, 47.2535



8.9099, 9.4971, 11.4430



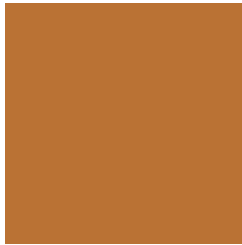
9.1000, 8.6596, 32.4449



0.3820, 0.4277, 1.1642

Previews

White Background



This preview shows how the XYZ color 26.8868, 22.7217, 6.2174 looks on a white background.

Color Contrast Check

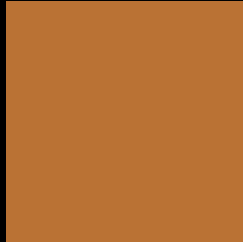
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8868, 22.7217, 6.2174 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 26.8868, 22.7217, 6.2174

Background



This preview shows how black text looks on a background with the XYZ color 26.8868, 22.7217, 6.2174.



This preview shows how white text looks on a background with the XYZ color 26.8868, 22.7217,

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

26.8868, 22.7217, 6.2174

Protanopia

20.8438, 22.9089, 7.1942

Deuteranopia

23.1978, 22.7815, 6.0803



Tritanopia

29.5874, 22.7003, 19.0418

Trichromacy



Original Color

26.8868, 22.7217, 6.2174

Protanomaly

22.7211, 22.5201, 6.7637

Deuteranomaly

24.4264, 22.6757, 6.1070

Tritanomaly

28.4940, 22.7434, 13.0133

Monochromacy



Original Color

26.8868, 22.7217, 6.2174

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.7776, 21.4756, 15.0540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8868, 22.7217, 6.2174 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, 114, 52)` looks like.

```
.text, #text, p{  
    color:rgb(186, 114, 52)  
}
```

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, 114, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 114, 52) }
```

Border

The CSS property to change the border of an element to XYZ 26.8868, 22.7217, 6.2174 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, 114, 52) }
```


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

```
.border{ border-color:rgb(186, 114, 52) }
```

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

Here you see how a box with a 4 pixel rgb(186, 114, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 114, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 114, 52);  
box-shadow:4px 4px 4px 4px rgb(186, 114,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8868, 22.7217, 6.2174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 114, 52) }
```

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

```
.background{ background-color: rgb(186,  
114, 52) }
```

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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