

Converting Colors

XYZ(26.7122, 23.2022, 3.6009)

Have a look what the booklet for
XYZ(26.7122, 23.2022, 3.6009)
contains.

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Color

**XYZ(26.7122, 23.2022,
3.6009)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7511
RGB	186, 117, 17
RGB Percent	73%, 46%, 7%
CMY	0.2706, 0.5412, 0.9333
CMYK	0.00, 0.37, 0.91, 0.27
HSL	36°, 83%, 40%
HSV	36°, 91%, 73%
XYZ	26.7122, 23.2022, 3.6009
YIQ	126.2310, 73.2240, -16.4720

Conversions

Conversions Part 2

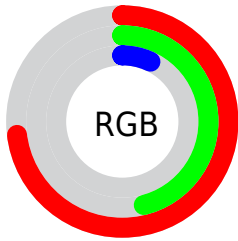
Format	Color
RYB	134, 186, 17
Decimal	12219665
CIELab	55.28, 20.27, 58.70
CIElCh	55, 62.101, 70.949
Yxy	23.2022, 0.4992, 0.4336
Android (android.graphics.Color)	4290409745 (0xFFBA7511)
YUV	126.2310, -53.8509, 52.4174
Hunter-Lab	48.1687, 14.6930, 29.2858

Details

The XYZ color **26.7122, 23.2022, 3.6009** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **12.4218, 10.3198, 47.7913**, and the grayscale version is **20.0710, 21.1162, 22.9956**.

A 20% lighter version of the original color is **53.7818, 48.6445, 13.0333**, and **10.8195, 8.6463, 1.0986** is the 20% darker color. If you saturate the color by 10%, you get **25.8323, 21.6045, 2.8086**, and if you desaturate by 10%, it is **27.8450, 25.1300, 5.0206**.

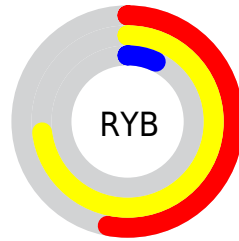
Distribution



Red (73%)

Green (46%)

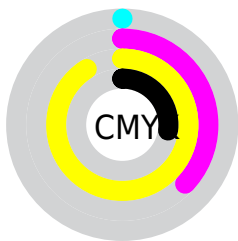
Blue (7%)



Red (53%)

Yellow (73%)

Blue (7%)

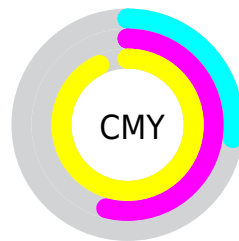


Cyan (0%)

Magenta (37%)

Yellow (91%)

Black (27%)



Cyan (27%)

Magenta (54%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7122, 23.2022, 3.6009 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 26.7122, 23.2022, 3.6009 by changing the saturation by 10% instead.

■ 26.7122, 23.2022,
3.6009

■ 26.7122, 23.2022,
3.6009

278.4540,
268.7618, 143.6803

■ 17.4927, 14.7429,
1.4091

■ 53.8448, 48.7251,
13.0783

■ 10.6838, 8.6391,
0.1488

■ 72.4887, 66.5575,
21.2010

■ 5.9204, 4.5066,
0.0000

■ 95.0046, 88.2831,
32.1377

■ 2.8369, 1.9608,
0.0000

■ 121.7581,
114.2862, 46.3069

■ 1.0681, 0.5845,
0.0000

■ 153.1144,
144.9512, 64.1273

■ 0.0000, 0.0000,
0.0000

■ 189.4389,

180.6625, 86.0173

231.0970,
221.8046, 112.3954

26.7122, 23.2022,
3.6009

26.7122, 23.2022,
3.6009

25.8323, 21.6045,
2.8086

27.8450, 25.1300,
5.0206

29.1977, 27.2622,
7.2386

30.7926, 29.6113,
10.3621

32.6483, 32.1872,
14.4814

34.7813, 34.9989,
19.6756

■ 37.2063, 38.0546,
26.0158

■ 39.9371, 41.3619,
33.5669

■ 42.9862, 44.9283,
42.3890

■ 46.3657, 48.7606,
52.5382

Harmonies

Analogous

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



33.7735, 23.2022, 7.5584



26.7122, 23.2022, 3.6009



19.6094, 23.2022, 3.2321

Triad

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



26.7122, 23.2022, 3.6009



11.3571, 23.2022, 33.2577



32.0293, 23.2022, 66.6334

Complementary

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



26.7122, 23.2022, 3.6009



12.4218, 10.3198, 47.7913

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.



24.6916, 23.2022, 84.6025



26.7122, 23.2022, 3.6009



13.4164, 23.2022, 59.5928

Square

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



26.7122, 23.2022, 3.6009



11.6742, 23.2022, 14.7110



17.9697, 23.2022, 81.5062



37.2616, 23.2022, 39.9392

Rectangle

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



26.7122, 23.2022, 3.6009



15.8660, 23.2022, 4.5961



17.9697, 23.2022, 81.5062



29.6697, 23.2022, 74.3983

Sweetspot

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



26.7127, 23.2034, 3.6013



69.0638, 70.9693, 51.5711



22.1876, 11.5351, 10.1640



14.8494, 15.1876, 10.3795



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.



26.7127, 23.2034, 3.6013



46.5787, 38.6713, 5.0093



34.6549, 43.9193, 7.1813



9.4344, 9.8717, 9.5151



17.4544, 14.6852, 1.9146



0.6745, 0.6361, 0.0872

Inverse Universe

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



12.4218, 10.3198, 47.7913



20.5171, 15.3308, 86.0792



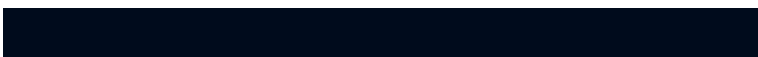
9.6311, 4.2389, 46.7646



8.8141, 9.3054, 11.4110



7.7683, 5.9963, 32.0010



0.3351, 0.3339, 1.1485

Previews

White Background



This preview shows how the XYZ color 26.7122, 23.2022, 3.6009 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 26.7122, 23.2022, 3.6009 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 26.7122, 23.2022, 3.6009

Background



This preview shows how black text looks on a background with the XYZ color 26.7122, 23.2022, 3.6009.



This preview shows how white text looks on a background with the XYZ color 26.7122, 23.2022,

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

26.7122, 23.2022, 3.6009

Protanopia

21.1100, 23.3170, 4.1471

Deuteranopia

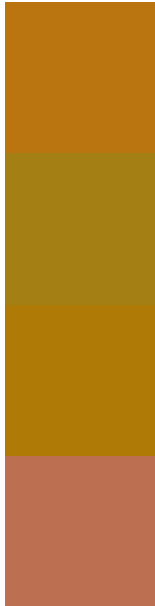
23.6093, 23.2465, 3.2427



Tritanopia

30.1654, 23.2980, 19.7367

Trichromacy



Original Color

26.7122, 23.2022, 3.6009

Protanomaly

22.8199, 23.0158, 3.9016

Deuteranomaly

24.7950, 23.2930, 3.3615

Tritanomaly

28.2656, 23.0012, 10.7345

Monochromacy



Original Color

26.7122, 23.2022, 3.6009

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.9754, 21.1337, 11.7778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7122, 23.2022, 3.6009 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, 117, 17)` looks like.

```
.text, #text, p{  
    color:rgb(186, 117, 17)  
}
```

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, 117, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 117, 17) }
```

Border

The CSS property to change the border of an element to XYZ 26.7122, 23.2022, 3.6009 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, 117, 17) }
```


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

```
.border{ border-color:rgb(186, 117, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 117, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 117, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 117, 17);  
box-shadow:4px 4px 4px 4px rgb(186, 117,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7122, 23.2022, 3.6009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 117, 17) }
```

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

```
.background{ background-color: rgb(186,  
117, 17) }
```

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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