

Converting Colors

XYZ(26.6673, 24.1440, 3.9119)

Have a look what the booklet for
XYZ(26.6673, 24.1440, 3.9119)
contains.

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Color

**XYZ(26.6142, 24.0369,
3.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	B77A14
RGB	183, 122, 20
RGB Percent	72%, 48%, 8%
CMY	0.2824, 0.5215, 0.9215
CMYK	0.00, 0.33, 0.89, 0.28
HSL	38°, 80%, 40%
HSV	38°, 89%, 72%
XYZ	26.6142, 24.0369, 3.8987
YIQ	128.6110, 69.0980, -18.7900

Conversions

Conversions Part 2

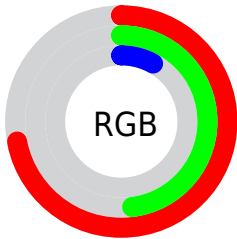
Format	Color
RYB	117, 183, 20
Decimal	12024340
CIELab	56.12, 16.23, 58.43
CIELCh	56, 60.645, 74.479
Yxy	24.0369, 0.4879, 0.4406
Android (android.graphics.Color)	4290214420 (0xFFB77A14)
YUV	128.6110, -53.5452, 47.6992
Hunter-Lab	49.0274, 11.0994, 29.6044

Details

The XYZ color **26.6142, 24.0369, 3.8987** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.7781, 9.4523, 46.0029**, and the grayscale version is **20.8953, 21.9834, 23.9400**.

A 20% lighter version of the original color is **53.7838, 50.0410, 13.8453**, and **10.8400, 9.1251, 1.1900** is the 20% darker color. If you saturate the color by 10%, you get **25.6863, 22.3684, 3.0127**, and if you desaturate by 10%, it is **27.7140, 25.8710, 5.3926**.

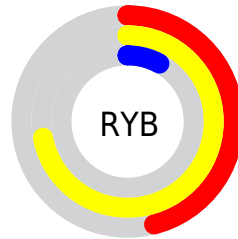
Distribution



Red (72%)

Green (48%)

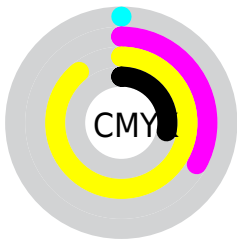
Blue (8%)



Red (46%)

Yellow (72%)

Blue (8%)

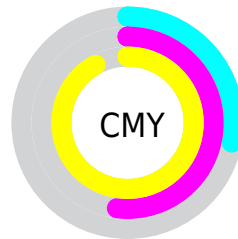


Cyan (0%)

Magenta (33%)

Yellow (89%)

Black (28%)



Cyan (28%)

Magenta (52%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6142, 24.0369, 3.8987 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 26.6142, 24.0369, 3.8987 by changing the saturation by 10% instead.

■ 26.6142, 24.0369,
3.8987

■ 26.6142, 24.0369,
3.8987

277.9860,
273.0070, 147.0927

■ 17.4188, 15.3610,
1.5699

■ 53.6884, 50.0904,
13.7755

■ 10.6307, 9.0731,
0.2692

■ 72.2979, 68.2368,
22.1605

■ 5.8845, 4.7889,
0.0000

■ 94.7762, 90.3088,
33.4014

■ 2.8150, 2.1239,
0.0000

■ 121.4885,
116.6908, 47.9167

■ 1.0567, 0.6780,
0.0000

■ 152.8003,
147.7673, 66.1250

■ 0.0000, 0.0000,
0.0000

■ 189.0769,

183.9225, 88.4447

230.6837,
225.5410, 115.2944

26.6142, 24.0369,
3.8987

26.6142, 24.0369,
3.8987

25.6863, 22.3684,
3.0127

27.7140, 25.8710,
5.3926

25.6043, 22.2193,
2.9393

29.0191, 27.8830,
7.6719

30.5499, 30.0838,
10.8362

32.3235, 32.4820,
14.9696

34.3550, 35.0854,
20.1466

■ 36.6581, 37.9012,
26.4340

■ 39.2455, 40.9360,
33.8934

■ 42.1289, 44.1963,
42.5816

■ 45.3192, 47.6879,
52.5517

Harmonies

Analogous

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



33.7755, 24.0369, 7.4667



26.6142, 24.0369, 3.8987



19.6640, 24.0369, 3.8482

Triad

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



26.6142, 24.0369, 3.8987



12.1920, 24.0369, 36.9602



33.5527, 24.0369, 64.1028

Complementary

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



26.6142, 24.0369, 3.8987



11.7781, 9.4523, 46.0029

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.



26.3548, 24.0369, 83.5091



26.6142, 24.0369, 3.8987



14.5728, 24.0369, 63.2115

Square

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



26.6142, 24.0369, 3.8987



12.2335, 24.0369, 17.2045



19.4520, 24.0369, 83.1188



38.3020, 24.0369, 37.8141

Rectangle

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



26.6142, 24.0369, 3.8987



16.0826, 24.0369, 5.5964



19.4520, 24.0369, 83.1188



31.2817, 24.0369, 72.1268

Sweetspot

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



26.6147, 24.0381, 3.8991



66.3715, 68.7359, 49.3650



21.3200, 11.1843, 9.1151



14.3314, 14.7889, 9.9821



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.



26.6147, 24.0381, 3.8991



45.6290, 39.3380, 5.1881



32.3659, 41.8078, 7.0259



9.4601, 9.9232, 9.5237



17.9297, 15.6359, 2.0730



0.6894, 0.6659, 0.0922

Inverse Universe

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



11.7781, 9.4523, 46.0029



18.8590, 13.2253, 81.7945



9.6349, 4.3511, 45.1312



8.7891, 9.2554, 11.4027



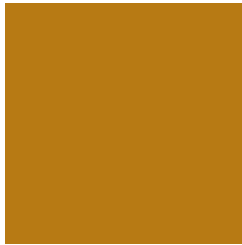
7.4863, 5.4322, 31.9070



0.3242, 0.3120, 1.1449

Previews

White Background



This preview shows how the XYZ color 26.6142, 24.0369, 3.8987 looks on a white background.

Color Contrast Check

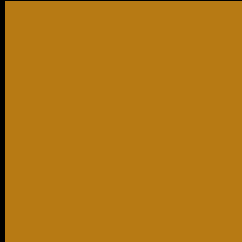
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6142, 24.0369, 3.8987 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 26.6142, 24.0369, 3.8987

Background



This preview shows how black text looks on a background with the XYZ color 26.6142, 24.0369, 3.8987.



This preview shows how white text looks on a background with the XYZ color 26.6142, 24.0369,

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

26.6142, 24.0369, 3.8987

Protanopia

21.7777, 24.0693, 4.3622

Deuteranopia

24.5930, 24.1280, 3.7764



Tritanopia

30.2692, 24.1311, 21.4748

Trichromacy



Original Color

26.6142, 24.0369, 3.8987

Protanomaly

23.2415, 23.8137, 4.1821

Deuteranomaly

25.2336, 24.0731, 3.8068

Tritanomaly

28.2507, 23.8176, 11.7026

Monochromacy



Original Color

26.6142, 24.0369, 3.8987

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.6585, 22.0325, 12.5624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6142, 24.0369, 3.8987 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(183, 122, 20)` looks like.

```
.text, #text, p{  
    color:rgb(183, 122, 20)  
}
```

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(183, 122, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 122, 20) }
```

Border

The CSS property to change the border of an element to XYZ 26.6142, 24.0369, 3.8987 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(183, 122, 20) }
```


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

```
.border{ border-color:rgb(183, 122, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 122, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 122, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 122, 20);  
box-shadow:4px 4px 4px 4px rgb(183, 122,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6142, 24.0369, 3.8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 122, 20) }
```

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

```
.background{ background-color: rgb(183,  
122, 20) }
```

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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