

Converting Colors

XYZ(26.0069, 23.3504, 4.3647)

Have a look what the booklet for
XYZ(26.0069, 23.3504, 4.3647)
contains.

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Color

**XYZ(26.0069, 23.3504,
4.3647)**

Conversions

Conversions Part 1

Format	Color
Hex	B5781E
RGB	181, 120, 30
RGB Percent	71%, 47%, 12%
CMY	0.2902, 0.5294, 0.8823
CMYK	0.00, 0.34, 0.83, 0.29
HSL	36°, 72%, 41%
HSV	36°, 83%, 71%
XYZ	26.0069, 23.3504, 4.3647
YIQ	127.9790, 65.2460, -15.0580

Conversions

Conversions Part 2

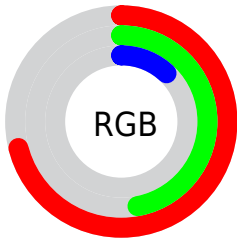
Format	Color
R_{YB}	132, 181, 30
Decimal	11892766
CIE _{Lab}	55.43, 16.71, 54.71
CIE _{LCh}	55, 57.204, 73.016
Yxy	23.3504, 0.4841, 0.4347
Android (android.graphics.Color)	4290082846 (0xFFB5781E)
YUV	127.9790, -48.3036, 46.4994
Hunter-Lab	48.3223, 11.5043, 28.4702

Details

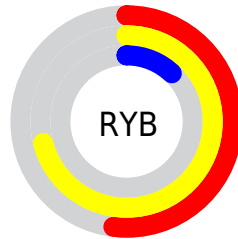
The XYZ color **26.0069, 23.3504, 4.3647** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **12.6170, 11.0942, 45.1923**, and the grayscale version is **20.6576, 21.7334, 23.6677**.

A 20% lighter version of the original color is **52.5895, 48.8304, 14.8370**, and **10.4216, 8.7174, 1.1334** is the 20% darker color. If you saturate the color by 10%, you get **24.9927, 21.5920, 3.1952**, and if you desaturate by 10%, it is **27.2219, 25.2986, 6.2559**.

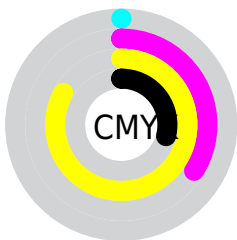
Distribution



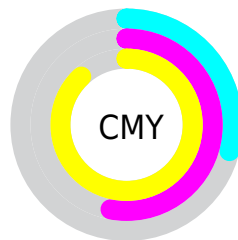
- Red (71%)
- Green (47%)
- Blue (12%)



- Red (52%)
- Yellow (71%)
- Blue (12%)



- Cyan (0%)
- Magenta (34%)
- Yellow (83%)
- Black (29%)



- Cyan (29%)
- Magenta (53%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0069, 23.3504, 4.3647 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 26.0069, 23.3504, 4.3647 by changing the saturation by 10% instead.

■ 26.0069, 23.3504,
4.3647

■ 26.0069, 23.3504,
4.3647

275.0720,
269.5196, 152.1966

■ 16.9615, 14.8525,
1.8275

■ 52.7173, 48.9680,
14.8425

■ 10.3022, 8.7159,
0.4460

■ 71.1130, 66.8565,
23.6201

■ 5.6636, 4.5563,
0.0000

■ 93.3562, 88.6440,
35.3150

■ 2.6803, 1.9894,
0.0000

■ 119.8123,
114.7148, 50.3457

■ 0.9871, 0.6013,
0.0000

■ 150.8465,
145.4534, 69.1306

■ 0.0000, 0.0000,
0.0000

■ 186.8243,

181.2441, 92.0884

228.1110,
222.4714, 119.6375

26.0069, 23.3504,
4.3647

26.0069, 23.3504,
4.3647

24.9927, 21.5920,
3.1952

27.2219, 25.2986,
6.2559

24.4064, 20.5245,
2.6753

28.6575, 27.4438,
8.9726

30.3321, 29.7965,
12.6027

32.2615, 32.3654,
17.2224

34.4599, 35.1582,
22.9000

■ 36.9402, 38.1820,
29.6975

■ 39.7144, 41.4438,
37.6721

■ 42.7940, 44.9500,
46.8772

■ 46.1894, 48.7068,
57.3627

Harmonies

Analogous

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



32.5229, 23.3504, 8.1052



26.0069, 23.3504, 4.3647



19.5227, 23.3504, 4.1715

Triad

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



26.0069, 23.3504, 4.3647



12.1914, 23.3504, 34.2677



31.7478, 23.3504, 61.1209

Complementary

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



26.0069, 23.3504, 4.3647



12.6170, 11.0942, 45.1923

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.



25.0982, 23.3504, 77.9193



26.0069, 23.3504, 4.3647



14.3222, 23.3504, 58.0610

Square

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



26.0069, 23.3504, 4.3647



12.3407, 23.3504, 16.4167



18.7730, 23.3504, 76.5875



36.2514, 23.3504, 37.2407

Rectangle

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



26.0069, 23.3504, 4.3647



16.1129, 23.3504, 5.7858



18.7730, 23.3504, 76.5875



29.6395, 23.3504, 68.2035

Sweetspot

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



26.0074, 23.3516, 4.3651



65.2320, 67.2698, 50.5946



21.4925, 11.5413, 11.4320



13.7624, 14.1310, 10.0068



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.0074, 23.3516, 4.3651



43.4828, 36.3016, 4.7151



32.9955, 41.5120, 7.5021



8.9034, 9.3192, 8.9821



16.8947, 14.2880, 1.8674



0.5870, 0.5604, 0.0772

Inverse Universe

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



12.6170, 11.0942, 45.1923



19.0089, 14.1175, 80.0177



9.7839, 4.7696, 44.1208



8.3144, 8.7750, 10.7619



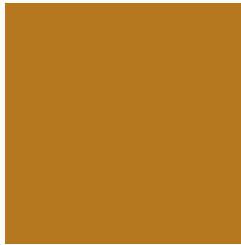
7.4618, 5.7239, 30.8485



0.2927, 0.2960, 0.9899

Previews

White Background



This preview shows how the XYZ color 26.0069, 23.3504, 4.3647 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 26.0069, 23.3504, 4.3647 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 26.0069, 23.3504, 4.3647

Background



This preview shows how black text looks on a background with the XYZ color 26.0069, 23.3504, 4.3647.



This preview shows how white text looks on a background with the XYZ color 26.0069, 23.3504,

4.3647.

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

26.0069, 23.3504, 4.3647

Protanopia

21.2397, 23.3689, 4.8300

Deuteranopia

23.8071, 23.3257, 4.2844



Tritanopia

29.4340, 23.3835, 20.7314

Trichromacy



Original Color

26.0069, 23.3504, 4.3647

Protanomaly

22.6778, 23.1197, 4.6338

Deuteranomaly

24.6508, 23.3834, 4.3128

Tritanomaly

27.6182, 23.1399, 12.0276

Monochromacy



Original Color

26.0069, 23.3504, 4.3647

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.2980, 21.6430, 13.1802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0069, 23.3504, 4.3647 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(181, 120, 30)` looks like.

```
.text, #text, p{  
    color:rgb(181, 120, 30)  
}
```

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(181, 120, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 120, 30) }
```

Border

The CSS property to change the border of an element to XYZ 26.0069, 23.3504, 4.3647 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(181, 120, 30) }
```


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

```
.border{ border-color:rgb(181, 120, 30) }
```

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

Here you see how a box with a 4 pixel rgb(181, 120, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 120, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 120, 30);  
box-shadow:4px 4px 4px 4px rgb(181, 120,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0069, 23.3504, 4.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 120, 30) }
```

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

```
.background{ background-color: rgb(181,  
120, 30) }
```

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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