

Converting Colors

XYZ(26.1460, 23.2147, 5.6876)

Have a look what the booklet for
XYZ(26.1460, 23.2147, 5.6876)
contains.

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Color

**XYZ(26.1460, 23.2147,
5.6876)**

Conversions

Conversions Part 1

Format	Color
Hex	B5772E
RGB	181, 119, 46
RGB Percent	71%, 47%, 18%
CMY	0.2902, 0.5333, 0.8196
CMYK	0.00, 0.34, 0.75, 0.29
HSL	32°, 59%, 45%
HSV	32°, 75%, 71%
XYZ	26.1460, 23.2147, 5.6876
YIQ	129.2160, 60.3850, -9.5590

Conversions

Conversions Part 2

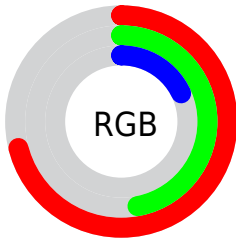
Format	Color
R _Y B	161, 181, 46
Decimal	11892526
CIE Lab	55.29, 17.88, 48.16
CIE LCh	55, 51.370, 69.625
Yxy	23.2147, 0.4750, 0.4217
Android (android.graphics.Color)	4290082606 (0xFFB5772E)
YUV	129.2160, -41.0255, 45.4146
Hunter-Lab	48.1816, 12.5460, 26.7283

Details

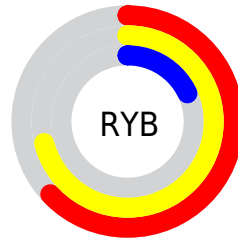
The XYZ color **26.1460, 23.2147, 5.6876** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **14.8294, 14.6413, 45.7601**, and the grayscale version is **21.0672, 22.1644, 24.1370**.

A 20% lighter version of the original color is **52.9499, 48.6711, 17.6700**, and **10.3585, 8.5913, 1.1123** is the 20% darker color. If you saturate the color by 10%, you get **24.9154, 21.2091, 3.8731**, and if you desaturate by 10%, it is **27.6146, 25.4558, 8.3238**.

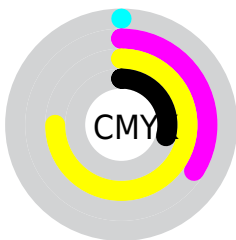
Distribution



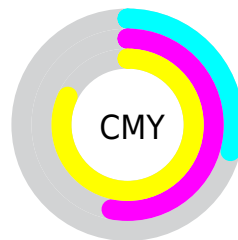
- Red (71%)
- Green (47%)
- Blue (18%)



- Red (63%)
- Yellow (71%)
- Blue (18%)



- Cyan (0%)
- Magenta (34%)
- Yellow (75%)
- Black (29%)





- Cyan (29%)
- Magenta (53%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1460, 23.2147, 5.6876 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 26.1460, 23.2147, 5.6876 by changing the saturation by 10% instead.

 26.1460, 23.2147,
5.6876


 26.1460, 23.2147,
5.6876


275.7416,
268.8258, 165.4578

 17.0661, 14.7521,
2.5904


 52.9400, 48.7456,
17.7453


 10.3773, 8.6456,
0.8875


 71.3849, 66.5828,
27.5428


 5.7140, 4.5108,
0.0000

 93.6821, 88.3135,
40.4109

 2.7110, 1.9632,
0.0000

 120.1971,
114.3223, 56.7680

 1.0028, 0.5859,
0.0000

 151.2952,
144.9936, 77.0327

 0.0000, 0.0000,
0.0000

 187.3418,

180.7116, 101.6235

228.7021,
221.8609, 130.9591

■ 26.1460, 23.2147,
5.6876

■ 26.1460, 23.2147,
5.6876

■ 24.9154, 21.2091,
3.8731

■ 27.6146, 25.4558,
8.3238

■ 23.8985, 19.4231,
2.7709

■ 29.3386, 27.9400,
11.8697

■ 23.4123, 18.5366,
2.3440

■ 31.3351, 30.6783,
16.4033

■ 33.6192, 33.6800,
21.9940

■ 36.2045, 36.9535,
28.7045

■ 39.1039, 40.5070,
36.5929

■ 42.3293, 44.3482,
45.7130

■ 45.8919, 48.4843,
56.1154

■ 49.8024, 52.9224,
67.8478

Harmonies

Analogous

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



31.7324, 23.2147, 9.9740



26.1460, 23.2147, 5.6876



20.2659, 23.2147, 5.1379

Triad

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



26.1460, 23.2147, 5.6876



12.8544, 23.2147, 30.9546



29.9012, 23.2147, 58.3863

Complementary

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



26.1460, 23.2147, 5.6876



14.8294, 14.6413, 45.7601

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.



23.9673, 23.2147, 71.1635



26.1460, 23.2147, 5.6876



14.5922, 23.2147, 51.3536

Square

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



26.1460, 23.2147, 5.6876



13.2323, 23.2147, 15.7709



18.4322, 23.2147, 68.1435



34.1485, 23.2147, 37.9935

Rectangle

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



26.1460, 23.2147, 5.6876



17.0345, 23.2147, 6.5247



18.4322, 23.2147, 68.1435



27.9993, 23.2147, 64.0446

Sweetspot

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



26.1465, 23.2159, 5.6880



65.9441, 67.5507, 54.3562



22.7933, 12.8820, 15.7533



13.9683, 14.2468, 10.9882



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.



26.1465, 23.2159, 5.6880



43.3252, 35.7316, 5.4484



35.0345, 42.5331, 8.9482



8.8643, 9.2411, 8.9690



16.2102, 12.9189, 1.6392



0.5676, 0.5215, 0.0708

Inverse Universe

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



14.8294, 14.6413, 45.7601



22.0688, 19.6970, 80.9334



10.6578, 5.9813, 44.3084



8.3528, 8.8517, 10.7746



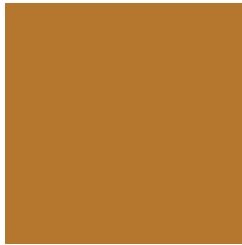
7.9563, 6.7130, 31.0134



0.3089, 0.3283, 0.9953

Previews

White Background



This preview shows how the XYZ color 26.1460, 23.2147, 5.6876 looks on a white background.

Color Contrast Check

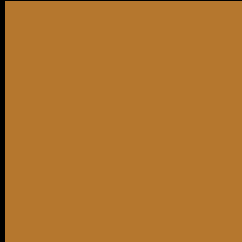
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1460, 23.2147, 5.6876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

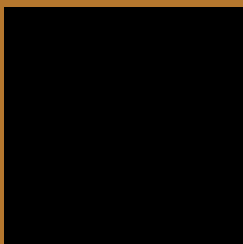
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1460, 23.2147, 5.6876

Background



This preview shows how black text looks on a background with the XYZ color 26.1460, 23.2147, 5.6876.



This preview shows how white text looks on a background with the XYZ color 26.1460, 23.2147,

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

26.1460, 23.2147, 5.6876

Protanopia

21.1760, 23.3012, 6.3991

Deuteranopia

23.6414, 23.2105, 5.6169



Tritanopia

29.1919, 23.2587, 20.7201

Trichromacy



Original Color

26.1460, 23.2147, 5.6876

Protanomaly

22.7708, 23.1337, 6.1708

Deuteranomaly

24.3512, 23.0133, 5.6412

Tritanomaly

27.8737, 23.2421, 13.3730

Monochromacy



Original Color

26.1460, 23.2147, 5.6876

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.7985, 21.8640, 14.8756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1460, 23.2147, 5.6876 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, 119, 46)` looks like.

```
.text, #text, p{  
    color:rgb(181, 119, 46)  
}
```

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, 119, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 119, 46) }
```

Border

The CSS property to change the border of an element to XYZ 26.1460, 23.2147, 5.6876 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, 119, 46) }
```


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

```
.border{ border-color:rgb(181, 119, 46) }
```

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

Here you see how a box with a 4 pixel rgb(181, 119, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 119, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 119, 46);  
box-shadow:4px 4px 4px 4px rgb(181, 119,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1460, 23.2147, 5.6876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 119, 46) }
```

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

```
.background{ background-color: rgb(181,  
119, 46) }
```

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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