

Converting Colors

XYZ(26.0877, 23.9360, 4.5236)

Have a look what the booklet for
XYZ(26.0877, 23.9360, 4.5236)
contains.

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Color

**XYZ(26.1527, 23.9681,
4.5442)**

Conversions

Conversions Part 1

Format	Color
Hex	B47B1F
RGB	180, 123, 31
RGB Percent	71%, 48%, 12%
CMY	0.2941, 0.5176, 0.8784
CMYK	0.00, 0.32, 0.83, 0.29
HSL	37°, 71%, 41%
HSV	37°, 83%, 71%
XYZ	26.1527, 23.9681, 4.5442
YIQ	129.5550, 63.5040, -16.5280

Conversions

Conversions Part 2

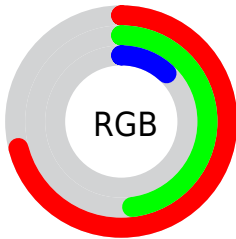
Format	Color
R_{YB}	123, 180, 31
Decimal	11827999
CIE Lab	56.06, 14.62, 54.86
CIE LCh	56, 56.776, 75.074
Yxy	23.9681, 0.4784, 0.4385
Android (android.graphics.Color)	4290018079 (0xFFB47B1F)
YUV	129.5550, -48.5876, 44.2403
Hunter-Lab	48.9572, 9.6786, 28.7668

Details

The XYZ color **26.1527, 23.9681, 4.5442** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **12.2929, 10.5657, 44.5713**, and the grayscale version is **21.2118, 22.3165, 24.3027**.

A 20% lighter version of the original color is **52.8654, 49.8253, 15.2184**, and **10.4748, 9.0351, 1.1919** is the 20% darker color. If you saturate the color by 10%, you get **25.1541, 22.2506, 3.3499**, and if you desaturate by 10%, it is **27.3448, 25.8611, 6.4565**.

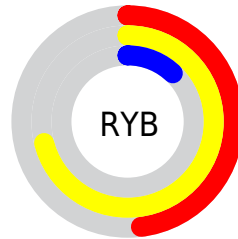
Distribution



Red (71%)

Green (48%)

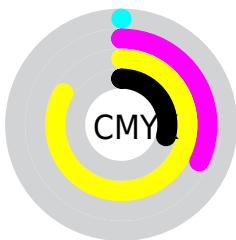
Blue (12%)



Red (48%)

Yellow (71%)

Blue (12%)

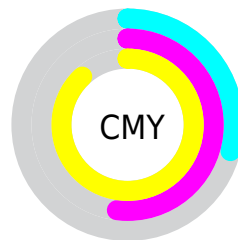


Cyan (0%)

Magenta (32%)

Yellow (83%)

Black (29%)



Cyan (29%)

Magenta (52%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1527, 23.9681, 4.5442 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 26.1527, 23.9681, 4.5442 by changing the saturation by 10% instead.

■ 26.1527, 23.9681,
4.5442

■ 26.1527, 23.9681,
4.5442

275.7738,
272.6592, 154.0947

■ 17.0712, 15.3100,
1.9284

■ 52.9507, 49.9781,
15.2466

■ 10.3809, 9.0372,
0.5107

■ 71.3980, 68.0988,
24.1702

■ 5.7164, 4.7655,
0.0000

■ 93.6978, 90.1425,
36.0336

■ 2.7124, 2.1103,
0.0000

■ 120.2157,
116.4935, 51.2552

■ 1.0036, 0.6704,
0.0000

■ 151.3168,
147.5363, 70.2535

■ 0.0000, 0.0000,
0.0000

■ 187.3667,

183.6552, 93.4472

228.7306,
225.2347, 121.2547

26.1527, 23.9681,
4.5442

26.1527, 23.9681,
4.5442

25.1541, 22.2506,
3.3499

27.3448, 25.8611,
6.4565

24.5226, 21.1039,
2.7810

28.7493, 27.9362,
9.1876

30.3841, 30.2032,
12.8233

32.2644, 32.6701,
17.4382

34.4039, 35.3442,
23.0989

■ 36.8151, 38.2321,
29.8664

■ 39.5096, 41.3402,
37.7966

■ 42.4984, 44.6745,
46.9420

■ 45.7917, 48.2406,
57.3516

Harmonies

Analogous

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



32.7915, 23.9681, 8.0772



26.1527, 23.9681, 4.5442



19.6838, 23.9681, 4.5517

Triad

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



26.1527, 23.9681, 4.5442



12.7216, 23.9681, 36.5523



32.8207, 23.9681, 60.3964

Complementary

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



26.1527, 23.9681, 4.5442



12.2929, 10.5657, 44.5713

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.



26.1870, 23.9681, 78.1340



26.1527, 23.9681, 4.5442



15.0483, 23.9681, 60.5112

Square

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



26.1527, 23.9681, 4.5442



12.7159, 23.9681, 17.9237



19.7122, 23.9681, 78.1839



37.1106, 23.9681, 36.4402

Rectangle

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



26.1527, 23.9681, 4.5442



16.3296, 23.9681, 6.4014



19.7122, 23.9681, 78.1839



30.7406, 23.9681, 67.6973

Sweetspot

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



26.1532, 23.9693, 4.5447



65.5453, 67.8962, 50.6990



21.0788, 11.3899, 10.3458



13.8378, 14.2818, 10.0319



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.



26.1532, 23.9693, 4.5447



44.3833, 38.0822, 5.0787



31.5945, 40.4875, 7.4462



8.9186, 9.3497, 8.9871



17.1818, 14.8622, 1.9631



0.5949, 0.5762, 0.0799

Inverse Universe

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



12.2929, 10.5657, 44.5713



18.7243, 13.5047, 79.9144



9.9655, 4.9132, 43.6030



8.2996, 8.7453, 10.7569



7.2895, 5.3794, 30.7911



0.2868, 0.2841, 0.9880

Previews

White Background



This preview shows how the XYZ color 26.1527, 23.9681, 4.5442 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 26.1527, 23.9681, 4.5442 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 26.1527, 23.9681, 4.5442

Background



This preview shows how black text looks on a background with the XYZ color 26.1527, 23.9681, 4.5442.



This preview shows how white text looks on a background with the XYZ color 26.1527, 23.9681,

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

26.1527, 23.9681, 4.5442

Protanopia

21.7152, 24.0227, 5.0057

Deuteranopia

24.5185, 24.0731, 4.5167



Tritanopia

29.7135, 24.0058, 21.8064

Trichromacy



Original Color

26.1527, 23.9681, 4.5442

Protanomaly

23.2911, 24.0238, 4.8483

Deuteranomaly

25.1508, 24.0141, 4.5379

Tritanomaly

27.8523, 23.7623, 12.7915

Monochromacy



Original Color

26.1527, 23.9681, 4.5442

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.8225, 22.2828, 13.7405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1527, 23.9681, 4.5442 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(180, 123, 31)` looks like.

```
.text, #text, p{  
    color:rgb(180, 123, 31)  
}
```

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(180, 123, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 123, 31) }
```

Border

The CSS property to change the border of an element to XYZ 26.1527, 23.9681, 4.5442 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(180, 123, 31) }
```


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

```
.border{ border-color:rgb(180, 123, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 123, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 123, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 123, 31);  
box-shadow:4px 4px 4px 4px rgb(180, 123,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1527, 23.9681, 4.5442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 123, 31) }
```

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

```
.background{ background-color: rgb(180,  
123, 31) }
```

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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