

Converting Colors

XYZ(26.5713, 23.9381, 7.3577)

Have a look what the booklet for
XYZ(26.5713, 23.9381, 7.3577)
contains.

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Color

**XYZ(26.5713, 23.9381,
7.3577)**

Conversions

Conversions Part 1

Format	Color
Hex	B47A3B
RGB	180, 122, 59
RGB Percent	71%, 48%, 23%
CMY	0.2941, 0.5215, 0.7686
CMYK	0.00, 0.32, 0.67, 0.29
HSL	31°, 51%, 47%
HSV	31°, 67%, 71%
XYZ	26.5713, 23.9381, 7.3577
YIQ	132.1600, 54.7910, -7.2970

Conversions

Conversions Part 2

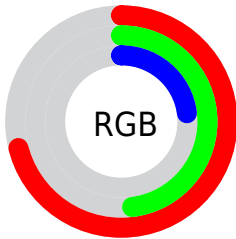
Format	Color
R_{YB}	170, 180, 59
Decimal	11827771
CIE Lab	56.03, 16.48, 42.72
CIE LCh	56, 45.788, 68.906
Yxy	23.9381, 0.4592, 0.4137
Android (android.graphics.Color)	4290017851 (0xFFB47A3B)
YUV	132.1600, -36.0679, 41.9557
Hunter-Lab	48.9266, 11.3192, 25.3324

Details

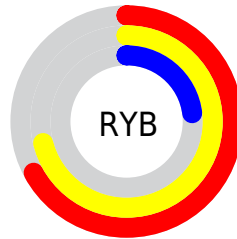
The XYZ color **26.5713, 23.9381, 7.3577** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **16.4027, 16.9468, 45.5862**, and the grayscale version is **22.1027, 23.2538, 25.3234**.

A 20% lighter version of the original color is **53.4930, 49.7270, 21.2469**, and **10.5948, 8.9936, 1.4073** is the 20% darker color. If you saturate the color by 10%, you get **25.1699, 21.7580, 4.9711**, and if you desaturate by 10%, it is **28.2289, 26.3731, 10.6242**.

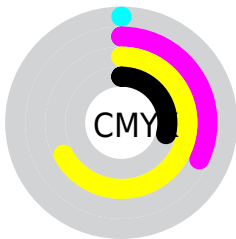
Distribution



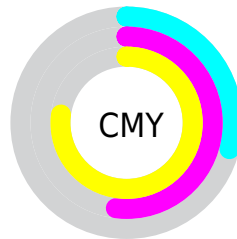
- Red (71%)
- Green (48%)
- Blue (23%)



- Red (67%)
- Yellow (71%)
- Blue (23%)



- Cyan (0%)
- Magenta (32%)
- Yellow (67%)
- Black (29%)





- Cyan (29%)
- Magenta (52%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5713, 23.9381, 7.3577 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 26.5713, 23.9381, 7.3577 by changing the saturation by 10% instead.

 26.5713, 23.9381,
7.3577


 26.5713, 23.9381,
7.3577


277.7810,
272.5074, 180.3458


 17.3864, 15.2877,
3.6050


 53.6199, 49.9292,
21.2143


 10.6074, 9.0216,
1.4112


 72.2144, 68.0386,
32.1552


 5.8688, 4.7552,
0.1505

 94.6761, 90.0699,
46.3293

 2.8054, 2.1044,
0.0000

 121.3705,
116.4074, 64.1551

 1.0517, 0.6671,
0.0000

 152.6628,
147.4355, 86.0511

 0.0000, 0.0000,
0.0000

 188.9184,

183.5386, 112.4358

230.5026,
225.1011, 143.7279

■ 26.5713, 23.9381,
7.3577

■ 26.5713, 23.9381,
7.3577

■ 25.1699, 21.7580,
4.9711

■ 28.2289, 26.3731,
10.6242

■ 24.0031, 19.8174,
3.3707

■ 30.1582, 29.0700,
14.8484

■ 23.0437, 18.1024,
2.4232

■ 32.3752, 32.0399,
20.1012

■ 22.8006, 17.6599,
2.2070

■ 34.8941, 35.2920,
26.4461

■ 37.7279, 38.8347,
33.9417

■ 40.8890, 42.6764,
42.6421

■ 44.3887, 46.8247,
52.5981

■ 48.2379, 51.2872,
63.8576

■ 52.4472, 56.0711,
76.4659

Harmonies

Analogous

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



31.5199, 23.9381, 11.8267



26.5713, 23.9381, 7.3577



21.2292, 23.9381, 6.6968

Triad

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



26.5713, 23.9381, 7.3577



14.1855, 23.9381, 30.7876



29.6787, 23.9381, 55.5536

Complementary

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



26.5713, 23.9381, 7.3577



16.4027, 16.9468, 45.5862

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.



24.3468, 23.9381, 66.1839



26.5713, 23.9381, 7.3577



15.7832, 23.9381, 48.6886

Square

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



26.5713, 23.9381, 7.3577



14.5931, 23.9381, 17.0042



19.3182, 23.9381, 63.2786



33.4966, 23.9381, 37.8788

Rectangle

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



26.5713, 23.9381, 7.3577



18.2250, 23.9381, 8.0954



19.3182, 23.9381, 63.2786



27.9738, 23.9381, 60.3272

Sweetspot

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



26.5719, 23.9393, 7.3582



66.7429, 68.3538, 57.0722



23.6257, 14.1271, 18.4608



14.1168, 14.3882, 11.5170



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.



26.5719, 23.9393, 7.3582



44.4953, 37.5819, 7.3487



35.4667, 42.4210, 10.4567



8.8502, 9.2129, 8.9643



15.9812, 12.4610, 1.5629



0.5608, 0.5081, 0.0685

Inverse Universe

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



16.4027, 16.9468, 45.5862



24.7567, 24.0343, 81.6289



11.7278, 7.4160, 43.9930



8.3668, 8.8798, 10.7793



8.1543, 7.1089, 31.0794



0.3151, 0.3407, 0.9974

Previews

White Background



This preview shows how the XYZ color 26.5713, 23.9381, 7.3577 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 26.5713, 23.9381, 7.3577 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 26.5713, 23.9381, 7.3577

Background



This preview shows how black text looks on a background with the XYZ color 26.5713, 23.9381, 7.3577.



This preview shows how white text looks on a background with the XYZ color 26.5713, 23.9381,

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

26.5713, 23.9381, 7.3577

Protanopia

21.9556, 24.0764, 8.1926

Deuteranopia

24.3940, 23.9492, 7.2079



Tritanopia

29.5360, 23.9071, 22.1266

Trichromacy



Original Color

26.5713, 23.9381, 7.3577

Protanomaly

23.3493, 23.7866, 7.9181

Deuteranomaly

25.2378, 23.9979, 7.3049

Tritanomaly

28.3071, 23.9442, 15.1863

Monochromacy



Original Color

26.5713, 23.9381, 7.3577

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6634, 22.8478, 16.5802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5713, 23.9381, 7.3577 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, 122, 59)` looks like.

```
.text, #text, p{  
    color:rgb(180, 122, 59)  
}
```

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, 122, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 122, 59) }
```

Border

The CSS property to change the border of an element to XYZ 26.5713, 23.9381, 7.3577 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, 122, 59) }
```


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

```
.border{ border-color:rgb(180, 122, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 122, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 122, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 122, 59);  
box-shadow:4px 4px 4px 4px rgb(180, 122,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5713, 23.9381, 7.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 122, 59) }
```

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

```
.background{ background-color: rgb(180,  
122, 59) }
```

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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