

Converting Colors

XYZ(26.4328, 37.6721, 22.9207)

Have a look what the booklet for
XYZ(26.4328, 37.6721, 22.9207)
contains.

XYZ(26.4760, 37.8005, 23.0403)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4760, 37.8005,
23.0403)**

Conversions

Conversions Part 1

Format	Color
Hex	70B576
RGB	112, 181, 118
RGB Percent	44%, 71%, 46%
CMY	0.5608, 0.2902, 0.5372
CMYK	0.38, 0.00, 0.35, 0.29
HSL	125°, 32%, 57%
HSV	125°, 38%, 71%
XYZ	26.4760, 37.8005, 23.0403
YIQ	153.1870, -20.9010, -34.2210

Conversions

Conversions Part 2

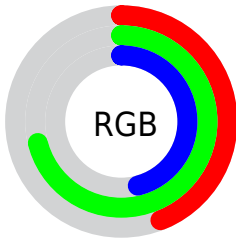
Format	Color
RYB	112, 175, 181
Decimal	7386486
CIELab	67.87, -34.98, 25.43
CIELCh	68, 43.245, 143.984
Yxy	37.8005, 0.3032, 0.4329
Android (android.graphics.Color)	4285576566 (0xFF70B576)
YUV	153.1870, -17.3472, -36.1210
Hunter-Lab	61.4821, -30.7264, 20.8187

Details

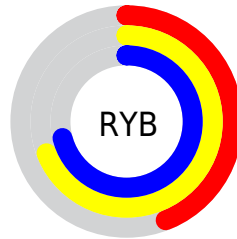
The XYZ color **26.4760, 37.8005, 23.0403** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **32.5894, 24.5081, 43.5719**, and the grayscale version is **30.4403, 32.0255, 34.8758**.

A 20% lighter version of the original color is **53.3608, 71.6156, 49.5389**, and **10.5970, 16.7978, 8.3140** is the 20% darker color. If you saturate the color by 10%, you get **23.5029, 36.3726, 18.2163**, and if you desaturate by 10%, it is **30.0861, 39.5391, 28.7940**.

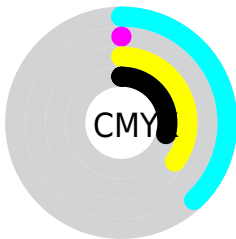
Distribution



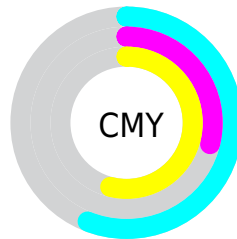
- Red (44%)
- Green (71%)
- Blue (46%)



- Red (44%)
- Yellow (69%)
- Blue (71%)



- Cyan (38%)
- Magenta (0%)
- Yellow (35%)
- Black (29%)



- Cyan (56%)
- Magenta (29%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4760, 37.8005, 23.0403 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 26.4760, 37.8005, 23.0403 by changing the saturation by 10% instead.

■ 26.4760, 37.8005,
23.0403

■ 26.4760, 37.8005,
23.0403

277.3250,
336.7634, 281.0605

■ 17.3146, 25.8279,
14.4177

■ 53.4677, 71.8023,
49.3835

■ 10.5558, 16.6949,
8.2697

■ 72.0287, 94.6002,
67.9412

■ 5.8340, 10.0172,
4.1778

■ 94.4537, 121.7753,
90.6477

■ 2.7841, 5.4104,
1.7234

121.1080,
153.7121, 117.9215

■ 1.0407, 2.4900,
0.3767

152.3569,
190.7949, 150.1811

■ 0.0000, 0.8716,
0.0000

188.5658,

■ 0.0000, 0.0000,

233.4081, 187.8451

0.0000

230.1000,
281.9362, 231.3321

■ 26.4760, 37.8005,
23.0403

■ 26.4760, 37.8005,
23.0403

■ 23.5029, 36.3726,
18.2163

■ 30.0861, 39.5391,
28.7940

■ 21.1269, 35.2326,
14.2708

■ 34.3642, 41.6001,
35.5198

■ 19.3085, 34.3623,
11.1517


■ 39.3428, 44.0005,
43.2607


■ 18.0017, 33.7394,
8.8002


■ 45.0513, 46.7545,
52.0563


■ 17.1535, 33.3377,
7.1498


■ 51.5176, 49.8759,
61.9442


 16.6834, 33.1176,
6.1222

 58.7679, 53.3772,
72.9600

 16.6162, 33.0859,
5.9905

 66.8275, 57.2709,
85.1378

 75.0532, 61.2247,
98.4789

 75.8146, 61.5292,
102.4882

Harmonies

Analogous

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



30.9380, 37.8005, 15.7998



26.4760, 37.8005, 23.0403



24.5709, 37.8005, 37.4086

Triad

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



26.4760, 37.8005, 23.0403



34.5939, 37.8005, 89.8839



49.0425, 37.8005, 27.8994

Complementary

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



26.4760, 37.8005, 23.0403



32.5894, 24.5081, 43.5719

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.



50.3362, 37.8005, 45.1506



26.4760, 37.8005, 23.0403



41.4281, 37.8005, 84.9525

Square

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



26.4760, 37.8005, 23.0403



28.8677, 37.8005, 78.8324



47.3986, 37.8005, 66.9122



44.0552, 37.8005, 17.9332

Rectangle

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



26.4760, 37.8005, 23.0403



24.8132, 37.8005, 50.7419



47.3986, 37.8005, 66.9122



49.9477, 37.8005, 32.8644

Sweetspot

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



26.4770, 37.8021, 23.0411



67.5928, 77.4182, 73.0338



37.1854, 43.3624, 21.7395



14.3487, 16.6072, 15.3807



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.



26.4770, 37.8021, 23.0411



42.7481, 65.4552, 33.6992



28.8951, 38.7693, 35.7746



8.4180, 9.5017, 9.1948



11.4659, 22.8123, 4.1901



0.3706, 0.7217, 0.1834

Inverse Universe

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



32.5894, 24.5081, 43.5719



55.2977, 38.1394, 75.8355



29.6405, 23.3285, 28.0434



8.8175, 8.6337, 10.5375



17.8480, 8.6568, 25.4233



0.5708, 0.2761, 0.8487

Previews

White Background



This preview shows how the XYZ color 26.4760, 37.8005, 23.0403 looks on a white background.

Color Contrast Check

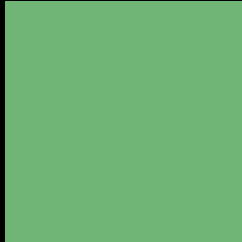
Large Text (above 18pt) WCAG AA × Fail

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 26.4760, 37.8005, 23.0403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

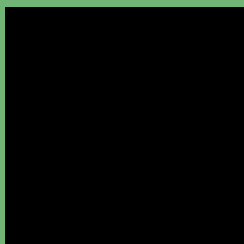
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.4760, 37.8005, 23.0403

Background



This preview shows how black text looks on a background with the XYZ color 26.4760, 37.8005, 23.0403.



This preview shows how white text looks on a background with the XYZ color 26.4760, 37.8005,

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

26.4760, 37.8005, 23.0403

Protanopia

34.6845, 37.5229, 20.4535

Deuteranopia

38.0501, 37.3531, 23.9433



Tritanopia

32.4107, 37.8679, 52.0554

Trichromacy



Original Color

26.4760, 37.8005, 23.0403

Protanomaly

30.9266, 37.2107, 21.4720

Deuteranomaly

32.3973, 36.5454, 23.4356

Tritanomaly

29.8435, 37.6888, 39.4200

Monochromacy



Original Color

26.4760, 37.8005, 23.0403

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.3120, 33.4911, 29.7832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4760, 37.8005, 23.0403 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(112, 181, 118)` looks like.

```
.text, #text, p{  
    color:rgb(112, 181, 118)  
}
```

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(112, 181, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 181, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.4760, 37.8005, 23.0403 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(112, 181, 118) }
```


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

```
.border{ border-color:rgb(112, 181, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 181, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 181, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 181, 118);  
box-shadow:4px 4px 4px 4px rgb(112, 181,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4760, 37.8005, 23.0403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 181, 118) }
```

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

```
.background{ background-color: rgb(112,  
181, 118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor