

Converting Colors

XYZ(26.6550, 40.7552, 6.4617)

Have a look what the booklet for
XYZ(26.6550, 40.7552, 6.4617)
contains.

XYZ(26.6550, 40.7552, 6.4617)	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(26.6550, 40.7552,
6.4617)**

Conversions

Conversions Part 1

Format	Color
Hex	7DBD00
RGB	125, 189, 0
RGB Percent	49%, 74%, 0%
CMY	0.5098, 0.2588, 0.9999
CMYK	0.34, 0.00, 1.00, 0.26
HSL	80°, 100%, 37%
HSV	80°, 100%, 74%
XYZ	26.6550, 40.7552, 6.4617
YIQ	148.3180, 22.5250, -72.3470

Conversions

Conversions Part 2

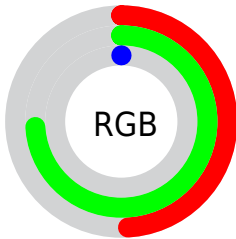
Format	Color
RYB	0, 189, 64
Decimal	8240384
CIELab	70.00, -43.43, 70.27
CIELCh	70, 82.608, 121.717
Yxy	40.7552, 0.3608, 0.5517
Android (android.graphics.Color)	4286430464 (0xFF7DBD00)
YUV	148.3180, -73.1208, -20.4499
Hunter-Lab	63.8398, -37.1906, 38.6867

Details

The XYZ color **26.6550, 40.7552, 6.4617** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **11.3021, 4.7656, 48.4708**, and the grayscale version is **28.5728, 30.0608, 32.7362**.

A 20% lighter version of the original color is **53.8955, 76.5433, 19.3309**, and **10.9787, 18.5212, 2.9963** is the 20% darker color. If you saturate the color by 10%, you get **26.6548, 40.7564, 6.4619**, and if you desaturate by 10%, it is **27.7376, 41.3011, 7.1226**.

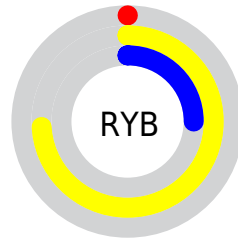
Distribution



Red (49%)

Green (74%)

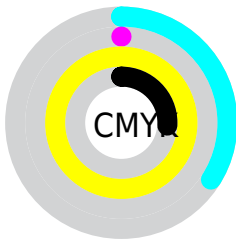
Blue (0%)



Red (0%)

Yellow (74%)

Blue (25%)

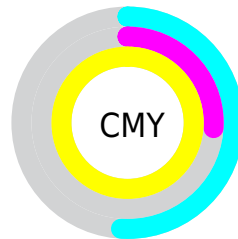


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (51%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6550, 40.7552, 6.4617 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 26.6550, 40.7552, 6.4617 by changing the saturation by 10% instead.

■ 26.6550, 40.7552,
6.4617

■ 26.6550, 40.7552,
6.4617

278.1809,
349.2964, 172.5703

■ 17.4495, 28.1279,
3.0545

■ 53.7536, 76.3121,
19.3759

■ 10.6528, 18.4221,
1.1225

■ 72.3774, 100.0105,
29.7200

■ 5.8994, 11.2534,
0.0000

■ 94.8713, 128.1680,
43.2134

■ 2.8241, 6.2376,
0.0000

■ 121.6008,
161.1691, 60.2748

■ 1.0614, 2.9901,
0.0000

■ 152.9311,
199.3981, 81.3227

■ 0.0000, 1.1265,
0.0000

■ 189.2277,

■ 0.0000, 0.0005,

243.2393, 106.7755

0.0000

230.8558,
293.0773, 137.0519

■ 0.0000, 0.0000,
0.0000

■ 26.6550, 40.7552,
6.4617

■ 26.6550, 40.7552,
6.4617

■ 26.6548, 40.7564,
6.4619

■ 27.7376, 41.3011,
7.1226

■ 28.9939, 41.9222,
8.3823

■ 30.4672, 42.6373,
10.4587

■ 32.1791, 43.4551,
13.4606

■ 34.1481, 44.3833,
17.4802

■ 36.3907, 45.4284,
22.5987

■ 38.9216, 46.5965,
28.8889

■ 41.7545, 47.8932,
36.4175

■ 44.9019, 49.3236,
45.2460

Harmonies

Analogous

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



37.9658, 40.7552, 3.8618



26.6550, 40.7552, 6.4617



20.1143, 40.7552, 17.6942

Triad

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



26.6550, 40.7552, 6.4617



27.7163, 40.7552, 146.9671



70.8148, 40.7552, 42.1902

Complementary

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



26.6550, 40.7552, 6.4617



11.3021, 4.7656, 48.4708

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.



66.3091, 40.7552, 89.6092



26.6550, 40.7552, 6.4617



39.5177, 40.7552, 167.4494

Square

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



26.6550, 40.7552, 6.4617



20.6198, 40.7552, 95.9000



54.0081, 40.7552, 142.0848



65.2050, 40.7552, 15.6899

Rectangle

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



26.6550, 40.7552, 6.4617



18.3461, 40.7552, 34.5256



54.0081, 40.7552, 142.0848



70.4290, 40.7552, 55.9403

Sweetspot

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



26.6559, 40.7570, 6.4626



69.4701, 83.3422, 51.1334



22.7658, 14.3761, 1.5756



14.5168, 17.7278, 9.9277



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.6559, 40.7570, 6.4626



47.4700, 72.8538, 11.5603



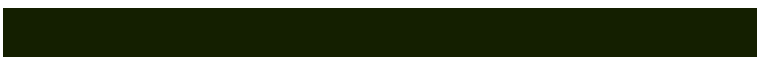
18.7795, 36.6965, 6.0940



9.9999, 10.9543, 10.1640



18.0174, 27.4642, 4.3515



0.7729, 1.1104, 0.1736

Inverse Universe

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



11.3021, 4.7656, 48.4708



20.0102, 8.4153, 86.7959



23.1898, 10.8940, 49.0271



9.3129, 9.3782, 11.9915



7.6772, 3.2438, 32.6144



0.3718, 0.1637, 1.2809

Previews

White Background



This preview shows how the XYZ color 26.6550, 40.7552, 6.4617 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 26.6550, 40.7552, 6.4617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

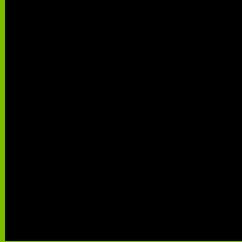
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.6550, 40.7552, 6.4617

Background



This preview shows how black text looks on a background with the XYZ color 26.6550, 40.7552, 6.4617.



This preview shows how white text looks on a background with the XYZ color 26.6550, 40.7552,

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

26.6550, 40.7552, 6.4617

Protanopia

36.3011, 40.3323, 5.8716

Deuteranopia

41.2631, 40.4151, 7.2952



Tritanopia

36.3212, 40.6977, 54.6563

Trichromacy



Original Color

26.6550, 40.7552, 6.4617

Protanomaly

32.0688, 40.1656, 6.0625

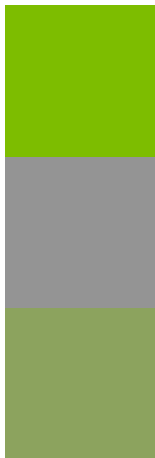
Deuteranomaly

34.1986, 39.5120, 6.6347

Tritanomaly

30.2916, 39.7466, 24.1645

Monochromacy



Original Color

26.6550, 40.7552, 6.4617

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

25.9328, 32.5780, 15.5111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6550, 40.7552, 6.4617 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(125, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(125, 189, 0)  
}
```

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(125, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 189, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.6550, 40.7552, 6.4617 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(125, 189, 0) }
```


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

```
.border{ border-color:rgb(125, 189, 0) }
```

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

Here you see how a box with a 4 pixel rgb(125, 189, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(125, 189,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6550, 40.7552, 6.4617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 189, 0) }
```

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

```
.background{ background-color: rgb(125,  
189, 0) }
```

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