

Converting Colors

XYZ(26.1449, 37.0986, 21.9048)

Have a look what the booklet for
XYZ(26.1449, 37.0986, 21.9048)
contains.

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Color

**XYZ(26.1540, 37.0554,
21.9936)**

Conversions

Conversions Part 1

Format	Color
Hex	72B373
RGB	114, 179, 115
RGB Percent	45%, 70%, 45%
CMY	0.5529, 0.2980, 0.5490
CMYK	0.36, 0.00, 0.36, 0.30
HSL	121°, 30%, 57%
HSV	121°, 36%, 70%
XYZ	26.1540, 37.0554, 21.9936
YIQ	152.2690, -18.1960, -33.6840

Conversions

Conversions Part 2

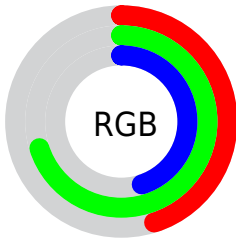
Format	Color
RYB	114, 178, 179
Decimal	7517043
CIELab	67.32, -33.92, 26.30
CIELCh	67, 42.922, 142.204
Yxy	37.0554, 0.3070, 0.4349
Android (android.graphics.Color)	4285707123 (0xFF72B373)
YUV	152.2690, -18.3736, -33.5619
Hunter-Lab	60.8731, -29.8359, 21.1896

Details

The XYZ color **26.1540, 37.0554, 21.9936** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **32.6447, 24.8333, 45.1934**, and the grayscale version is **30.0446, 31.6092, 34.4224**.

A 20% lighter version of the original color is **52.8318, 70.5315, 47.3886**, and **10.4308, 16.3392, 7.7583** is the 20% darker color. If you saturate the color by 10%, you get **23.1306, 35.6040, 17.0549**, and if you desaturate by 10%, it is **29.8289, 38.8224, 27.9766**.

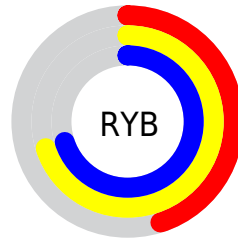
Distribution



Red (45%)

Green (70%)

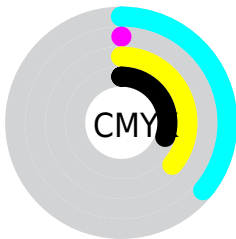
Blue (45%)



Red (45%)

Yellow (70%)

Blue (70%)

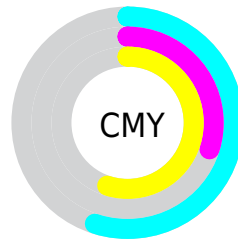


Cyan (36%)

Magenta (0%)

Yellow (36%)

Black (30%)



Cyan (55%)

Magenta (30%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1540, 37.0554, 21.9936 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 26.1540, 37.0554, 21.9936 by changing the saturation by 10% instead.

■ 26.1540, 37.0554,
21.9936

■ 26.1540, 37.0554,
21.9936

275.7801,
333.5503, 275.4653

■ 17.0722, 25.2504,
13.6539

■ 52.9528, 70.6580,
47.6375

■ 10.3816, 16.2637,
7.7444

■ 71.4005, 93.2243,
65.7788

■ 5.7169, 9.7109,
3.8464

■ 93.7009, 120.1466,
88.0243

■ 2.7127, 5.2077,
1.5415

120.2192,
151.8092, 114.7927

■ 1.0037, 2.3697,
0.2485

151.3210,
188.5964, 146.5024

■ 0.0000, 0.8102,
0.0000

187.3715,

■ 0.0000, 0.0000,

230.8928, 183.5721

0.0000

228.7361,
279.0826, 226.4202

■ 26.1540, 37.0554,
21.9936

■ 26.1540, 37.0554,
21.9936

■ 23.1306, 35.6040,
17.0549

■ 29.8289, 38.8224,
27.9766

■ 20.7180, 34.4454,
13.0983

■ 34.1872, 40.9170,
35.0562

■ 18.8755, 33.5609,
10.0589


■ 39.2621, 43.3563,
43.2844


■ 17.5562, 32.9280,
7.8632


■ 45.0838, 46.1549,
52.7089


■ 16.7059, 32.5206,
6.4262


■ 51.6808, 49.3266,
63.3751

 16.2541, 32.3045,
5.6445

 59.0802, 52.8842,
75.3255

 16.1359, 32.2477,
5.4532

 67.3075, 56.8402,
88.6011

 75.4108, 60.7217,
102.3536

Harmonies

Analogous

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



30.6600, 37.0554, 15.2716



26.1540, 37.0554, 21.9936



24.1316, 37.0554, 35.6376

Triad

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



26.1540, 37.0554, 21.9936



33.5348, 37.0554, 87.8330



48.2532, 37.0554, 28.1647

Complementary

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



26.1540, 37.0554, 21.9936



32.6447, 24.8333, 45.1934

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.



49.2715, 37.0554, 45.4541



26.1540, 37.0554, 21.9936



40.2112, 37.0554, 83.9481

Square

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



26.1540, 37.0554, 21.9936



28.0339, 37.0554, 76.2042



46.1709, 37.0554, 66.8176



43.5399, 37.0554, 17.9850

Rectangle

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



26.1540, 37.0554, 21.9936



24.2630, 37.0554, 48.4856



46.1709, 37.0554, 66.8176



49.0608, 37.0554, 33.1743

Sweetspot

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



26.1549, 37.0570, 21.9944



65.7226, 75.4394, 70.0761



37.7494, 43.0407, 22.2378



14.2941, 16.5854, 15.0928



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.



26.1549, 37.0570, 21.9944



42.2008, 64.1360, 31.8136



28.2878, 37.9101, 33.2258



8.3941, 9.4921, 9.0691



11.4041, 22.7876, 3.8651



0.3606, 0.7177, 0.1308

Inverse Universe

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



32.6447, 24.8333, 45.1934



55.6207, 38.8556, 79.7830



29.8361, 23.7099, 30.4033



8.8443, 8.6444, 10.6784



18.6938, 8.9951, 29.8773



0.5900, 0.2837, 0.9494

Previews

White Background



This preview shows how the XYZ color 26.1540, 37.0554, 21.9936 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 26.1540, 37.0554, 21.9936 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 26.1540, 37.0554, 21.9936

Background



This preview shows how black text looks on a background with the XYZ color 26.1540, 37.0554, 21.9936.



This preview shows how white text looks on a background with the XYZ color 26.1540, 37.0554,

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

26.1540, 37.0554, 21.9936

Protanopia

33.9354, 36.6242, 19.4679

Deuteranopia

37.2710, 36.4705, 22.8444



Tritanopia

31.9670, 37.0985, 50.8233

Trichromacy



Original Color

26.1540, 37.0554, 21.9936

Protanomaly

30.3836, 36.3937, 20.4622

Deuteranomaly

31.8553, 35.7514, 22.3613

Tritanomaly

29.4201, 36.9129, 38.3752

Monochromacy



Original Color

26.1540, 37.0554, 21.9936

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.0618, 33.1080, 29.3376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1540, 37.0554, 21.9936 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(114, 179, 115)` looks like.

```
.text, #text, p{  
    color:rgb(114, 179, 115)  
}
```

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(114, 179, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 179, 115) }
```

Border

The CSS property to change the border of an element to XYZ 26.1540, 37.0554, 21.9936 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(114, 179, 115) }
```


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

```
.border{ border-color:rgb(114, 179, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 179, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 179, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 179, 115);  
box-shadow:4px 4px 4px 4px rgb(114, 179,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1540, 37.0554, 21.9936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 179, 115) }
```

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

```
.background{ background-color: rgb(114,  
179, 115) }
```

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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