

Converting Colors

XYZ(36.6028, 42.2046, 26.4671)

Have a look what the booklet for
XYZ(36.6028, 42.2046, 26.4671)
contains.

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Color

**XYZ(36.8110, 42.4566,
26.6769)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB380
RGB	171, 179, 128
RGB Percent	67%, 70%, 50%
CMY	0.3294, 0.2980, 0.4980
CMYK	0.04, 0.00, 0.28, 0.30
HSL	69°, 25%, 60%
HSV	69°, 28%, 70%
XYZ	36.8110, 42.4566, 26.6769
YIQ	170.7940, 11.6030, -17.5570

Conversions

Conversions Part 2

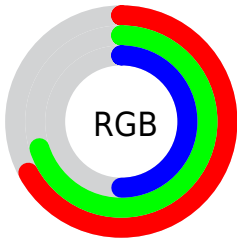
Format	Color
RYB	128, 179, 136
Decimal	11252608
CIELab	71.18, -11.34, 25.17
CIELCh	71, 27.606, 114.245
Yxy	42.4566, 0.3475, 0.4007
Android (android.graphics.Color)	4289442688 (0xFFABB380)
YUV	170.7940, -21.0974, 0.1807
Hunter-Lab	65.1587, -13.1854, 21.3370

Details

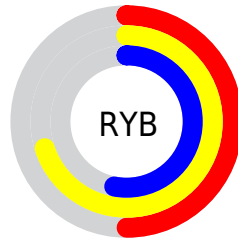
The XYZ color **36.8110, 42.4566, 26.6769** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.0108, 23.9284, 45.8978**, and the grayscale version is **38.7046, 40.7203, 44.3444**.

A 20% lighter version of the original color is **69.7274, 79.0838, 55.3057**, and **16.3072, 19.3233, 10.0780** is the 20% darker color. If you saturate the color by 10%, you get **35.1302, 41.7158, 20.9812**, and if you desaturate by 10%, it is **38.7149, 43.2910, 33.4698**.

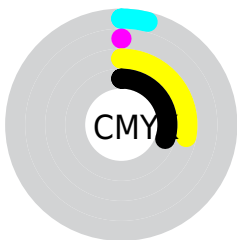
Distribution



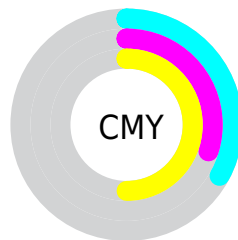
- Red (67%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)



- Cyan (33%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8110, 42.4566, 26.6769 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 36.8110, 42.4566, 26.6769 by changing the saturation by 10% instead.

■ 36.8110, 42.4566,
26.6769

■ 36.8110, 42.4566,
26.6769

323.8613,
356.3722, 299.7998

■ 25.2342, 29.4590,
17.1004

■ 69.5977, 78.8902,
55.3624

■ 16.3813, 19.4283,
10.1434

■ 91.5384, 103.0950,
75.3085

■ 9.8869, 11.9802,
5.3873

■ 117.6643,
131.8043, 99.5482

■ 5.3857, 6.7302,
2.4136

148.3409,
165.4025, 128.5000

■ 2.5124, 3.2939,
0.7938

183.9336,
204.2740, 162.5826

■ 0.9015, 1.2870,
0.0000

224.8076,

■ 0.0000, 0.1311,

248.8032, 202.2144

0.0000

271.3284,
299.3745, 247.8139

■ 0.0000, 0.0000,
0.0000

■ 36.8110, 42.4566,
26.6769

■ 36.8110, 42.4566,
26.6769

■ 35.1302, 41.7158,
20.9812

■ 38.7149, 43.2910,
33.4698

■ 33.6583, 41.0586,
16.3224

■ 40.8487, 44.2175,
41.4105

■ 32.3842, 40.4820,
12.6387

■ 43.2233, 45.2418,
50.5497

■ 31.2947, 39.9807,
9.8605

■ 45.8474, 46.3675,
60.9344

■ 30.3748, 39.5487,
7.9090

■ 48.7297, 47.5980,
72.6088

■ 29.6069, 39.1790,
6.6920

■ 51.8782, 48.9365,
85.6153

■ 28.9609, 38.8595,
6.0517

■ 55.3007, 50.3861,
99.9941

■ 28.8674, 38.8130,
5.9702

■ 56.2841, 50.8617,
101.4585

■ 57.0094, 51.2356,
101.4925

Harmonies

Analogous

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



41.2521, 42.4566, 25.2356



36.8110, 42.4566, 26.6769



33.5585, 42.4566, 32.8856

Triad

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



36.8110, 42.4566, 26.6769



35.3771, 42.4566, 70.1300



49.8644, 42.4566, 48.8295

Complementary

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



36.8110, 42.4566, 26.6769



26.0108, 23.9284, 45.8978

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.



48.0094, 42.4566, 62.7644



36.8110, 42.4566, 26.6769



39.4685, 42.4566, 76.4810

Square

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



36.8110, 42.4566, 26.6769



32.7760, 42.4566, 57.4949



44.1168, 42.4566, 73.5565



49.0177, 42.4566, 36.5385

Rectangle

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



36.8110, 42.4566, 26.6769



32.3856, 42.4566, 39.6515



44.1168, 42.4566, 73.5565



49.5320, 42.4566, 53.4943

Sweetspot

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



36.8121, 42.4585, 26.6778



72.8899, 79.0735, 73.1579



31.2431, 28.6533, 24.3066



16.0217, 17.4637, 15.7291



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.



36.8121, 42.4585, 26.6778



64.0482, 75.2104, 41.3446



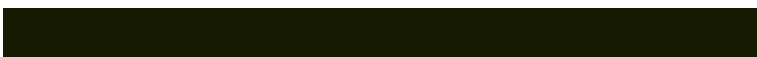
31.8453, 39.8980, 26.4454



9.0635, 9.8378, 9.0737



20.4430, 27.4488, 4.2207



0.6783, 0.8818, 0.1344

Inverse Universe

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



26.0108, 23.9284, 45.8978



41.6173, 36.7184, 81.2751



30.5854, 26.2867, 46.1119



8.1621, 8.2921, 10.6767



6.1267, 2.4942, 30.2955



0.2310, 0.0982, 0.9550

Previews

White Background



This preview shows how the XYZ color 36.8110, 42.4566, 26.6769 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 36.8110, 42.4566, 26.6769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

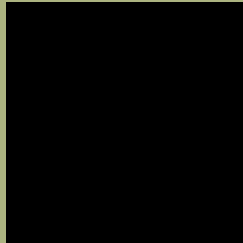
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8110, 42.4566, 26.6769

Background



This preview shows how black text looks on a background with the XYZ color 36.8110, 42.4566, 26.6769.



This preview shows how white text looks on a background with the XYZ color 36.8110, 42.4566,

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

36.8110, 42.4566, 26.6769

Protanopia

39.3955, 42.3433, 25.8354

Deuteranopia

43.0923, 42.2553, 27.3576



Tritanopia

41.8696, 42.4728, 51.8902

Trichromacy



Original Color

36.8110, 42.4566, 26.6769

Protanomaly

38.4122, 42.4067, 26.2395

Deuteranomaly

40.5845, 42.0750, 27.1013

Tritanomaly

39.7100, 42.4542, 41.2235

Monochromacy



Original Color

36.8110, 42.4566, 26.6769

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

37.8470, 41.2966, 36.9866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8110, 42.4566, 26.6769 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(171, 179, 128)` looks like.

```
.text, #text, p{  
    color:rgb(171, 179, 128)  
}
```

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(171, 179, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 179, 128) }
```

Border

The CSS property to change the border of an element to XYZ 36.8110, 42.4566, 26.6769 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(171, 179, 128) }
```


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

```
.border{ border-color:rgb(171, 179, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 179, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 179, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 179, 128);  
box-shadow:4px 4px 4px 4px rgb(171, 179,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8110, 42.4566, 26.6769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 179, 128) }
```

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

```
.background{ background-color: rgb(171,  
179, 128) }
```

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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