

Converting Colors

XYZ(26.8702, 37.1319, 48.8980)

Have a look what the booklet for
XYZ(26.8702, 37.1319, 48.8980)
contains.

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Color

**XYZ(26.8742, 37.1311,
48.9306)**

Conversions

Conversions Part 1

Format	Color
Hex	43B4B4
RGB	67, 180, 180
RGB Percent	26%, 71%, 71%
CMY	0.7372, 0.2941, 0.2941
CMYK	0.63, 0.00, 0.00, 0.29
HSL	180°, 46%, 48%
HSV	180°, 63%, 71%
XYZ	26.8742, 37.1311, 48.9306
YIQ	146.2130, -67.3480, -23.9560

Conversions

Conversions Part 2

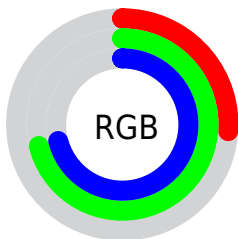
Format	Color
RYB	67, 124, 180
Decimal	4437172
CIELab	67.38, -31.20, -9.44
CIElCh	67, 32.601, 196.835
Yxy	37.1311, 0.2380, 0.3288
Android (android.graphics.Color)	4282627252 (0xFF43B4B4)
YUV	146.2130, 16.6570, -69.4698
Hunter-Lab	60.9353, -27.9132, -4.9547

Details


The XYZ color **26.8742, 37.1311, 48.9306** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **21.8439, 14.1240, 6.8863**, and the grayscale version is **27.3637, 28.7887, 31.3509**.

A 20% lighter version of the original color is **54.0379, 70.6362, 90.1429**, and **11.4201, 16.7110, 22.7023** is the 20% darker color. If you saturate the color by 10%, you get **25.8270, 36.5921, 48.8823**, and if you desaturate by 10%, it is **28.3071, 37.8706, 48.9986**.

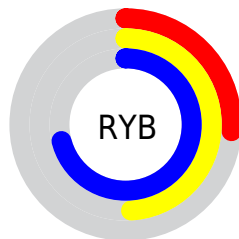
Distribution



 Red (26%)

 Green (71%)

 Blue (71%)




 Red (26%)

 Yellow (49%)

 Blue (71%)

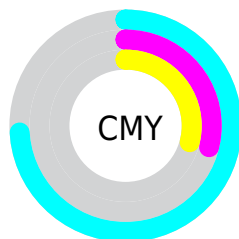



 Cyan (63%)

 Magenta (0%)

 Yellow (0%)

 Black (29%)



 Cyan (74%)

 Magenta (29%)

 Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8742, 37.1311, 48.9306 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 26.8742, 37.1311, 48.9306 by changing the saturation by 10% instead.

■ 26.8742, 37.1311,
48.9306

■ 26.8742, 37.1311,
48.9306

279.2262,
333.8778, 399.0837

■ 17.6149, 25.3090,
34.1992

■ 54.1032, 70.7744,
89.9683

■ 10.7718, 16.3074,
22.7681

■ 72.8037, 93.3643,
117.1117

■ 5.9798, 9.7420,
14.2187

■ 95.3818, 120.3124,
149.2295

■ 2.8733, 5.2282,
8.1324

■ 122.2031,
152.0029, 186.7402

■ 1.0871, 2.3818,
4.0908

■ 153.6328,
188.8203, 230.0625

■ 0.0143, 0.8165,
1.6753

190.0363,

■ 0.0000, 0.0000,

231.1490, 279.6148

0.3437

231.7790,
279.3734, 335.8157

■ 0.0000, 0.0000,
0.0000

■ 26.8742, 37.1311,
48.9306

■ 26.8742, 37.1311,
48.9306

■ 25.8270, 36.5921,
48.8823

■ 28.3071, 37.8706,
48.9986

■ 25.1254, 36.2304,
48.8493

■ 30.1545, 38.8230,
49.0852

■ 24.7262, 36.0246,
48.8305

■ 32.4463, 40.0045,
49.1926

■ 24.5601, 35.9390,
48.8226

■ 35.2089, 41.4286,
49.3220

■ 38.4663, 43.1079,
49.4746

■ 42.2412, 45.0539,
49.6514

■ 46.5547, 47.2776,
49.8534

■ 51.4267, 49.7892,
50.0816

■ 56.8762, 52.5985,
50.3368

Harmonies

Analogous

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



26.7417, 37.1311, 34.4827



26.8742, 37.1311, 48.9306



29.1209, 37.1311, 63.9942

Triad

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



26.8742, 37.1311, 48.9306



42.7712, 37.1311, 62.3171



37.5250, 37.1311, 19.1249

Complementary

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



26.8742, 37.1311, 48.9306



21.8439, 14.1240, 6.8863

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.



42.2786, 37.1311, 23.5022



26.8742, 37.1311, 48.9306



45.4945, 37.1311, 47.0233

Square

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



26.8742, 37.1311, 48.9306



38.1474, 37.1311, 72.8856



45.3062, 37.1311, 32.9748



32.5828, 37.1311, 19.4031

Rectangle

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



26.8742, 37.1311, 48.9306



31.6470, 37.1311, 71.3577



45.3062, 37.1311, 32.9748



39.2066, 37.1311, 20.0469

Sweetspot

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



26.8753, 37.1325, 48.9315



65.7732, 76.1134, 89.5189



19.7815, 34.3101, 10.8910



13.8726, 16.2738, 19.3321



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.



26.8753, 37.1325, 48.9315



46.3142, 66.0819, 88.6067



17.9364, 19.2545, 45.9527



8.7427, 9.6316, 10.9046



17.1408, 25.0823, 34.0740



0.5393, 0.7892, 1.0721

Inverse Universe

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



21.8439, 14.1240, 6.8863



36.4555, 20.9984, 6.2223



26.7494, 23.9351, 8.5212



8.4964, 8.5053, 8.8464



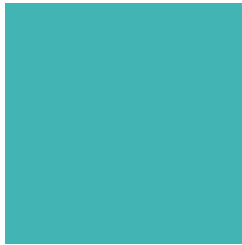
13.1369, 6.7723, 0.6149



0.4133, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 26.8742, 37.1311, 48.9306 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 26.8742, 37.1311, 48.9306 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

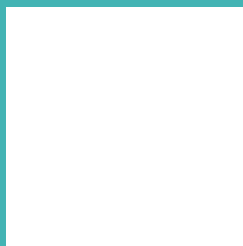
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8742, 37.1311, 48.9306

Background



This preview shows how black text looks on a background with the XYZ color 26.8742, 37.1311, 48.9306.

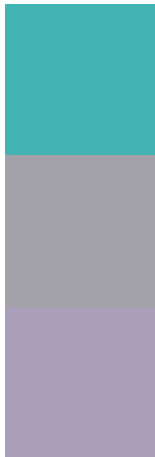


This preview shows how white text looks on a background with the XYZ color 26.8742, 37.1311,

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

26.8742, 37.1311, 48.9306

Protanopia

35.3916, 36.5977, 42.7349

Deuteranopia

37.5173, 36.7341, 51.0120



Tritanopia

28.2937, 37.1075, 56.1233

Trichromacy



Original Color

26.8742, 37.1311, 48.9306



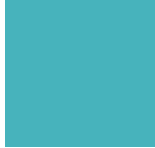
Protanomaly

30.7841, 36.0602, 44.8730



Deuteranomaly

31.8817, 35.9619, 50.0607



Tritanomaly

27.7957, 37.2106, 53.2943

Monochromacy



Original Color

26.8742, 37.1311, 48.9306



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

25.7345, 30.7042, 36.9179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8742, 37.1311, 48.9306 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(67, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(67, 180, 180)  
}
```

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(67, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 180, 180) }
```

Border

The CSS property to change the border of an element to XYZ 26.8742, 37.1311, 48.9306 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(67, 180, 180) }
```


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

```
.border{ border-color:rgb(67, 180, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 180, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 180, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 180, 180);  
box-shadow:4px 4px 4px 4px rgb(67, 180,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8742, 37.1311, 48.9306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 180, 180) }
```

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

```
.background{ background-color: rgb(67, 180,  
180) }
```

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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