

Converting Colors

XYZ(26.0189, 37.6372, 33.4971)

Have a look what the booklet for
XYZ(26.0189, 37.6372, 33.4971)
contains.

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Color

**XYZ(26.0189, 37.6372,
33.4971)**

Conversions

Conversions Part 1

Format	Color
Hex	58B693
RGB	88, 182, 147
RGB Percent	35%, 71%, 58%
CMY	0.6549, 0.2863, 0.4235
CMYK	0.52, 0.00, 0.19, 0.29
HSL	158°, 39%, 53%
HSV	158°, 52%, 71%
XYZ	26.0189, 37.6372, 33.4971
YIQ	149.9040, -44.7890, -30.8130

Conversions

Conversions Part 2

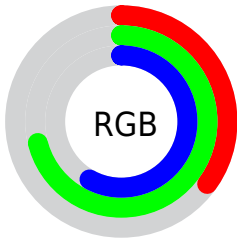
Format	Color
RYB	88, 146, 182
Decimal	5813907
CIELab	67.75, -36.35, 9.39
CIElCh	68, 37.540, 165.520
Yxy	37.6372, 0.2678, 0.3874
Android (android.graphics.Color)	4284003987 (0xFF58B693)
YUV	149.9040, -1.4317, -54.2898
Hunter-Lab	61.3492, -31.6571, 10.5716

Details

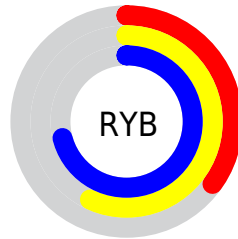
The XYZ color **26.0189, 37.6372, 33.4971** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **26.3575, 18.3555, 20.8941**, and the grayscale version is **28.9690, 30.4777, 33.1902**.

A 20% lighter version of the original color is **52.6188, 71.2954, 66.2464**, and **10.2314, 16.4895, 13.7099** is the 20% darker color. If you saturate the color by 10%, you get **23.9904, 36.6521, 30.7079**, and if you desaturate by 10%, it is **28.5109, 38.8596, 36.4732**.

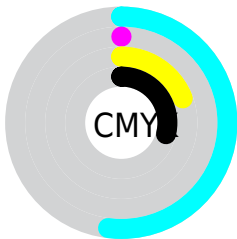
Distribution



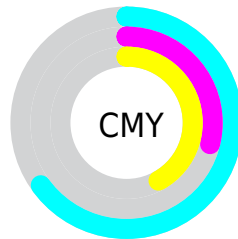
- Red (35%)
- Green (71%)
- Blue (58%)



- Red (35%)
- Yellow (57%)
- Blue (71%)



- Cyan (52%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)



- Cyan (65%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0189, 37.6372, 33.4971 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 26.0189, 37.6372, 33.4971 by changing the saturation by 10% instead.

■ 26.0189, 37.6372,
33.4971

■ 26.0189, 37.6372,
33.4971

275.1298,
336.0611, 332.5842

■ 16.9705, 25.7012,
22.2333

■ 52.7365, 71.5517,
66.2758

■ 10.3087, 16.6003,
13.8285

■ 71.1365, 94.2991,
88.6277

■ 5.6679, 9.9499,
7.8641

■ 93.3844, 121.4190,
115.5128

■ 2.6830, 5.3658,
3.9216

■ 119.8455,
153.2959, 147.3496

■ 0.9884, 2.4634,
1.5824

150.8853,
190.3141, 184.5566

■ 0.0000, 0.8582,
0.2782

186.8690,

■ 0.0000, 0.0000,

232.8582, 227.5523

0.0000

228.1621,
281.3123, 276.7554

■ 26.0189, 37.6372,
33.4971

■ 26.0189, 37.6372,
33.4971

■ 23.9904, 36.6521,
30.7079

■ 28.5109, 38.8596,
36.4732

■ 22.3890, 35.8826,
28.0987

■ 31.4931, 40.3300,
39.6377

■ 21.1781, 35.3110,
25.6657

■ 34.9936, 42.0639,
42.9954

■ 20.3126, 34.9140,
23.4039

■ 39.0377, 44.0742,
46.5501

■ 19.7792, 34.6775,
21.6402

■ 43.6488, 46.3730,
50.3054

■ 48.8490, 48.9715,
54.2648

■ 54.6591, 51.8805,
58.4318

■ 61.0990, 55.1102,
62.8097

■ 68.1876, 58.6702,
67.4016

Harmonies

Analogous

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



28.3865, 37.6372, 22.4178



26.0189, 37.6372, 33.4971



26.0613, 37.6372, 50.1415

Triad

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



26.0189, 37.6372, 33.4971



38.8431, 37.6372, 80.1351



44.1760, 37.6372, 22.1445

Complementary

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



26.0189, 37.6372, 33.4971



26.3575, 18.3555, 20.8941

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.



47.6396, 37.6372, 33.0094



26.0189, 37.6372, 33.4971



44.3411, 37.6372, 67.7015

Square

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



26.0189, 37.6372, 33.4971



33.0545, 37.6372, 80.3702



47.7031, 37.6372, 49.5029



38.6367, 37.6372, 17.1702

Rectangle

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



26.0189, 37.6372, 33.4971



27.4368, 37.6372, 62.4959



47.7031, 37.6372, 49.5029



45.6468, 37.6372, 25.0747

Sweetspot

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



26.0199, 37.6387, 33.4980



68.0122, 78.5296, 82.0261



26.8076, 38.4497, 15.2417



14.6798, 17.1748, 17.8173



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.0199, 37.6387, 33.4980



43.0405, 66.2288, 54.9887



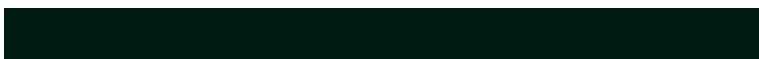
27.0384, 34.5920, 49.5096



9.1210, 10.1524, 10.7945



14.0003, 24.5010, 15.4552



0.5224, 0.8753, 0.6969

Inverse Universe

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



26.3575, 18.3555, 20.8941



43.7417, 27.4026, 29.7176



25.5127, 19.5680, 11.6654



9.1392, 9.0660, 10.0804



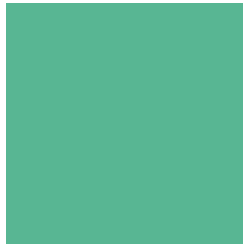
14.3851, 7.3278, 4.6486



0.5375, 0.2705, 0.3239

Previews

White Background



This preview shows how the XYZ color 26.0189, 37.6372, 33.4971 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 26.0189, 37.6372, 33.4971 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 26.0189, 37.6372, 33.4971

Background



This preview shows how black text looks on a background with the XYZ color 26.0189, 37.6372, 33.4971.



This preview shows how white text looks on a background with the XYZ color 26.0189, 37.6372,

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

26.0189, 37.6372, 33.4971

Protanopia

35.0965, 37.2701, 29.3888

Deuteranopia

37.6615, 36.9111, 34.8453



Tritanopia

30.1864, 37.5351, 54.3692

Trichromacy



Original Color

26.0189, 37.6372, 33.4971

Protanomaly

30.5260, 36.7997, 30.6935

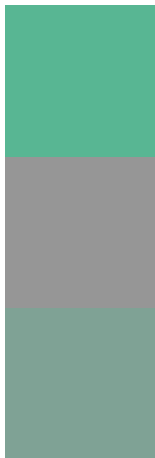
Deuteranomaly

31.7182, 36.2290, 34.1753

Tritanomaly

28.3842, 37.3836, 45.7641

Monochromacy



Original Color

26.0189, 37.6372, 33.4971

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.0975, 32.5226, 33.2831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0189, 37.6372, 33.4971 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(88, 182, 147)` looks like.

```
.text, #text, p{  
    color:rgb(88, 182, 147)  
}
```

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(88, 182, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 182, 147) }
```

Border

The CSS property to change the border of an element to XYZ 26.0189, 37.6372, 33.4971 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(88, 182, 147) }
```


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

```
.border{ border-color:rgb(88, 182, 147) }
```

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

Here you see how a box with a 4 pixel rgb(88, 182, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 182, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 182, 147);  
box-shadow:4px 4px 4px 4px rgb(88, 182,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0189, 37.6372, 33.4971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 182, 147) }
```

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

```
.background{ background-color: rgb(88, 182,  
147) }
```

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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