

Converting Colors

XYZ(22.6694, 33.3197, 29.9469)

Have a look what the booklet for
XYZ(22.6694, 33.3197, 29.9469)
contains.

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Color

**XYZ(22.6577, 33.3171,
30.0476)**

Conversions

Conversions Part 1

Format	Color
Hex	4CAD8C
RGB	76, 173, 140
RGB Percent	30%, 68%, 55%
CMY	0.7019, 0.3216, 0.4510
CMYK	0.56, 0.00, 0.19, 0.32
HSL	160°, 39%, 49%
HSV	160°, 56%, 68%
XYZ	22.6577, 33.3171, 30.0476
YIQ	140.2350, -47.2190, -30.8270

Conversions

Conversions Part 2

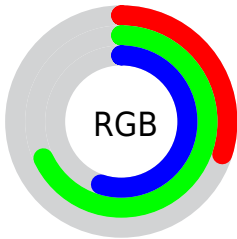
Format	Color
RYB	76, 134, 173
Decimal	5025164
CIELab	64.42, -36.60, 8.44
CIElCh	64, 37.560, 167.016
Yxy	33.3171, 0.2634, 0.3873
Android (android.graphics.Color)	4283215244 (0xFF4CAD8C)
YUV	140.2350, -0.1159, -56.3341
Hunter-Lab	57.7210, -30.9436, 9.5403

Details

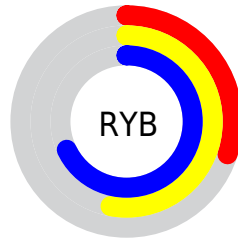
The XYZ color **22.6577, 33.3171, 30.0476** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **22.5795, 15.1581, 16.2050**, and the grayscale version is **25.0330, 26.3367, 28.6807**.

A 20% lighter version of the original color is **47.2726, 64.8392, 61.0626**, and **8.5619, 14.1711, 11.9569** is the 20% darker color. If you saturate the color by 10%, you get **21.0414, 32.5335, 27.7671**, and if you desaturate by 10%, it is **24.6687, 34.3031, 32.4692**.

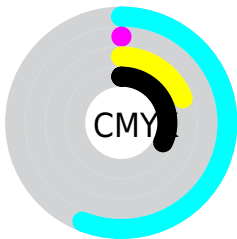
Distribution



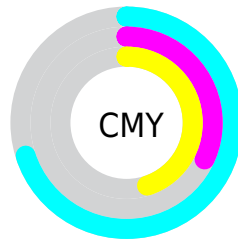
- Red (30%)
- Green (68%)
- Blue (55%)



- Red (30%)
- Yellow (53%)
- Blue (68%)



- Cyan (56%)
- Magenta (0%)
- Yellow (19%)
- Black (32%)



- Cyan (70%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.6577, 33.3171, 30.0476 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 22.6577, 33.3171, 30.0476 by changing the saturation by 10% instead.


 22.6577, 33.3171,
30.0476


 22.6577, 33.3171,
30.0476


258.5303,
317.0762, 316.3405


 14.4603, 22.3695,
19.6224


 47.3015, 64.8703,
60.7993


 8.5253, 14.1286,
11.9395


 64.4785, 86.2446,
81.9629

 4.4875, 8.2102,
6.5804


 85.3794, 111.8633,
107.5430

 1.9815, 4.2297,
3.1267

 110.3697,
142.1108, 137.9582

 0.6235, 1.8029,
1.1597

 139.8145,
177.3714, 173.6270

 0.0000, 0.4890,
0.0000

174.0793,

 0.0000, 0.0000,

218.0296, 214.9680

0.0000

213.5294,
264.4697, 262.3996

■ 22.6577, 33.3171,
30.0476

■ 22.6577, 33.3171,
30.0476

■ 21.0414, 32.5335,
27.7671

■ 24.6687, 34.3031,
32.4692

■ 19.7862, 31.9326,
25.6222

■ 27.0989, 35.5017,
35.0328

■ 18.8575, 31.4974,
23.6099

■ 29.9741, 36.9270,
37.7420

■ 18.2084, 31.2038,
21.7262

■ 33.3171, 38.5906,
40.5998

■ 17.9896, 31.1065,
21.0185

■ 37.1491, 40.5034,
43.6087

■ 41.4902, 42.6758,
46.7714

■ 46.3590, 45.1174,
50.0906

■ 51.7734, 47.8372,
53.5685

■ 57.7503, 50.8441,
57.2076

Harmonies

Analogous

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



24.7174, 33.3171, 19.6599



22.6577, 33.3171, 30.0476



22.8080, 33.3171, 45.6063

Triad

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



22.6577, 33.3171, 30.0476



34.7759, 33.3171, 72.4015



39.2168, 33.3171, 18.7010

Complementary

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



22.6577, 33.3171, 30.0476



22.5795, 15.1581, 16.2050

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.



42.5658, 33.3171, 28.3150



22.6577, 33.3171, 30.0476



39.8104, 33.3171, 60.3186

Square

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



22.6577, 33.3171, 30.0476



29.4098, 33.3171, 73.2558



42.7945, 33.3171, 43.3121



34.0366, 33.3171, 14.4646

Rectangle

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



22.6577, 33.3171, 30.0476



24.1379, 33.3171, 57.0781



42.7945, 33.3171, 43.3121



40.6183, 33.3171, 21.2647

Sweetspot

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



22.6586, 33.3184, 30.0484



58.8850, 68.7216, 72.0662



22.6733, 33.7221, 12.1520



12.5369, 14.8052, 15.4447



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



22.6586, 33.3184, 30.0484



37.1582, 58.0112, 48.9001



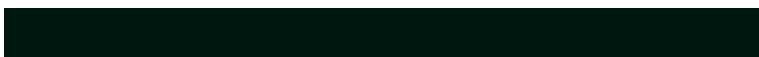
22.8281, 29.1624, 43.9625



8.1188, 9.0251, 9.6504



13.2430, 22.8625, 15.5855



0.3926, 0.6457, 0.5612

Inverse Universe

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



22.5795, 15.1581, 16.2050



37.0316, 22.3017, 21.8232



22.2419, 16.8124, 8.9109



8.1135, 8.0586, 8.9084



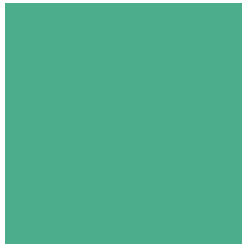
13.2623, 6.7675, 3.7608



0.3950, 0.1987, 0.2417

Previews

White Background



This preview shows how the XYZ color 22.6577, 33.3171, 30.0476 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 22.6577, 33.3171, 30.0476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

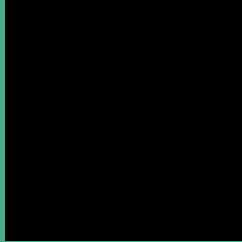
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 22.6577, 33.3171, 30.0476

Background



This preview shows how black text looks on a background with the XYZ color 22.6577, 33.3171, 30.0476.

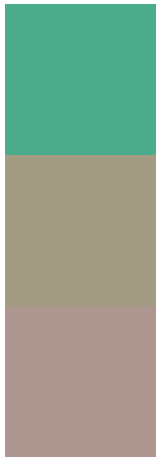


This preview shows how white text looks on a background with the XYZ color 22.6577, 33.3171,

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

22.6577, 33.3171, 30.0476

Protanopia

30.9223, 32.8679, 26.1871

Deuteranopia

33.4727, 32.8557, 31.3656



Tritanopia

26.2790, 33.0975, 48.7195

Trichromacy



Original Color

22.6577, 33.3171, 30.0476

Protanomaly

26.5835, 32.3872, 27.4045

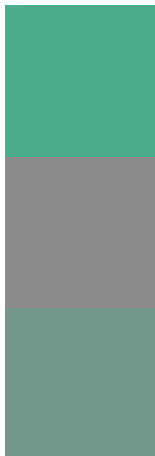
Deuteranomaly

27.6660, 31.8402, 30.6742

Tritanomaly

24.7271, 33.0139, 41.1455

Monochromacy



Original Color

22.6577, 33.3171, 30.0476

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.2980, 28.1318, 29.0130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6577, 33.3171, 30.0476 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(76, 173, 140)` looks like.

```
.text, #text, p{  
    color:rgb(76, 173, 140)  
}
```

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(76, 173, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 173, 140) }
```

Border

The CSS property to change the border of an element to XYZ 22.6577, 33.3171, 30.0476 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(76, 173, 140) }
```


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

```
.border{ border-color:rgb(76, 173, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 173, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 173, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 173, 140);  
box-shadow:4px 4px 4px 4px rgb(76, 173,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6577, 33.3171, 30.0476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 173, 140) }
```

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

```
.background{ background-color: rgb(76, 173,  
140) }
```

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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