

Converting Colors

XYZ(26.3653, 35.5986, 29.1086)

Have a look what the booklet for
XYZ(26.3653, 35.5986, 29.1086)
contains.

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Color

**XYZ(26.3335, 35.5230,
29.1356)**

Conversions

Conversions Part 1

Format	Color
Hex	70AE89
RGB	112, 174, 137
RGB Percent	44%, 68%, 54%
CMY	0.5608, 0.3176, 0.4627
CMYK	0.36, 0.00, 0.21, 0.32
HSL	144°, 28%, 56%
HSV	144°, 36%, 68%
XYZ	26.3335, 35.5230, 29.1356
YIQ	151.2440, -25.0750, -24.6510

Conversions

Conversions Part 2

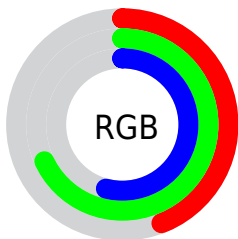
Format	Color
RYB	112, 156, 174
Decimal	7384713
CIELab	66.15, -28.15, 12.76
CIElCh	66, 30.913, 155.611
Yxy	35.5230, 0.2894, 0.3904
Android (android.graphics.Color)	4285574793 (0xFF70AE89)
YUV	151.2440, -7.0223, -34.4170
Hunter-Lab	59.6012, -25.4357, 12.7373

Details

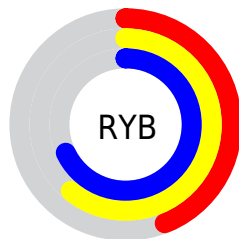
The XYZ color **26.3335, 35.5230, 29.1356** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.6757, 22.7578, 31.3165**, and the grayscale version is **29.5575, 31.0968, 33.8644**.

A 20% lighter version of the original color is **53.3170, 68.4183, 59.1112**, and **10.4821, 15.3550, 11.4282** is the 20% darker color. If you saturate the color by 10%, you get **23.6206, 34.2074, 25.3059**, and if you desaturate by 10%, it is **29.5479, 37.0908, 33.3646**.

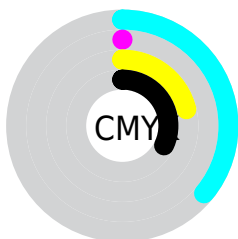
Distribution



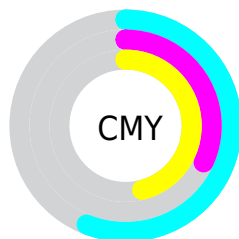
- Red (44%)
- Green (68%)
- Blue (54%)



- Red (44%)
- Yellow (61%)
- Blue (68%)



- Cyan (36%)
- Magenta (0%)
- Yellow (21%)
- Black (32%)





- Cyan (56%)
- Magenta (32%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3335, 35.5230, 29.1356 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 26.3335, 35.5230, 29.1356 by changing the saturation by 10% instead.


 26.3335, 35.5230,
29.1356


 26.3335, 35.5230,
29.1356


276.6422,
326.8708, 311.9351


 17.2073, 24.0660,
18.9370

 53.2400, 68.2952,
59.3372


 10.4786, 15.3826,
11.4484


 71.7509, 90.3792,
80.1773

 5.7821, 9.0883,
6.2513


 94.1208, 116.7743,
105.4015

 2.7524, 4.7989,
2.9272

 120.7150,
147.8650, 135.4286

 1.0242, 2.1297,
1.0576

151.8989,
184.0356, 170.6769

 0.0000, 0.6813,
0.0000

188.0378,

 0.0000, 0.0000,

225.6705, 211.5651

0.0000

229.4971,
273.1541, 258.5117

■ 26.3335, 35.5230,
29.1356

■ 26.3335, 35.5230,
29.1356

■ 23.6206, 34.2074,
25.3059

■ 29.5479, 37.0908,
33.3646

■ 21.3795, 33.1260,
21.8612

■ 33.2857, 38.9189,
38.0018

■ 19.5818, 32.2654,
18.7902


■ 37.5707, 41.0204,
43.0588


■ 18.1947, 31.6089,
16.0796


■ 42.4245, 43.4063,
48.5458


■ 17.1805, 31.1373,
13.7156


■ 47.8677, 46.0868,
54.4730


 16.4915, 30.8263,
11.6830

 53.9195, 49.0717,
60.8500

 16.2473, 30.7177,
10.8937

 60.5985, 52.3705,
67.6861

 67.9223, 55.9919,
74.9904

 70.7244, 57.2725,
82.5293

Harmonies

Analogous

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



28.8720, 35.5230, 21.5273



26.3335, 35.5230, 29.1356



25.7059, 35.5230, 41.2079

Triad

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



26.3335, 35.5230, 29.1356



34.6355, 35.5230, 69.7516



41.4746, 35.5230, 25.7272

Complementary

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



26.3335, 35.5230, 29.1356



28.6757, 22.7578, 31.3165

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.



43.3503, 35.5230, 36.2548



26.3335, 35.5230, 29.1356



39.1785, 35.5230, 63.1356

Square

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



26.3335, 35.5230, 29.1356



30.2423, 35.5230, 66.6310



42.4742, 35.5230, 50.1062



37.5480, 35.5230, 19.8949

Rectangle

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



26.3335, 35.5230, 29.1356



26.4011, 35.5230, 50.6903



42.4742, 35.5230, 50.1062



42.3814, 35.5230, 28.7321

Sweetspot

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



26.3345, 35.5245, 29.1364



63.6988, 72.2214, 72.9043



30.4929, 37.8520, 21.0287



13.9329, 15.9417, 15.9368



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.3345, 35.5245, 29.1364



43.6980, 62.4600, 47.1466



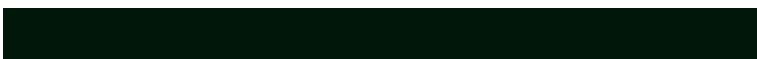
28.8686, 36.5381, 42.4808



8.0333, 8.9909, 9.2004



11.8116, 22.2899, 8.0473



0.3561, 0.6311, 0.3688

Inverse Universe

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



28.6757, 22.7578, 31.3165



48.5949, 35.7323, 51.6876



26.5327, 21.9005, 20.0312



8.1983, 8.0926, 9.3549



14.4970, 7.2614, 10.2628



0.4294, 0.2125, 0.4231

Previews

White Background



This preview shows how the XYZ color 26.3335, 35.5230, 29.1356 looks on a white background.

Color Contrast Check

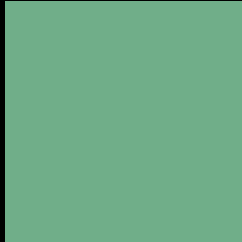
Large Text (above 18pt) WCAG AA × Fail

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 26.3335, 35.5230, 29.1356 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 26.3335, 35.5230, 29.1356

Background



This preview shows how black text looks on a background with the XYZ color 26.3335, 35.5230, 29.1356.



This preview shows how white text looks on a background with the XYZ color 26.3335, 35.5230,

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

26.3335, 35.5230, 29.1356

Protanopia

33.1776, 35.2994, 26.1839

Deuteranopia

35.6547, 34.9794, 30.0718



Tritanopia

30.3692, 35.4790, 48.9636

Trichromacy



Original Color

26.3335, 35.5230, 29.1356

Protanomaly

30.0832, 34.9933, 27.3591

Deuteranomaly

31.3831, 34.5513, 29.8259

Tritanomaly

28.6375, 35.3176, 40.9049

Monochromacy



Original Color

26.3335, 35.5230, 29.1356

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

27.9030, 32.1900, 31.9368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3335, 35.5230, 29.1356 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(112, 174, 137)` looks like.

```
.text, #text, p{  
    color:rgb(112, 174, 137)  
}
```

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(112, 174, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 174, 137) }
```

Border

The CSS property to change the border of an element to XYZ 26.3335, 35.5230, 29.1356 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(112, 174, 137) }
```


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

```
.border{ border-color:rgb(112, 174, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 174, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 174, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 174, 137);  
box-shadow:4px 4px 4px 4px rgb(112, 174,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3335, 35.5230, 29.1356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 174, 137) }
```

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

```
.background{ background-color: rgb(112,  
174, 137) }
```

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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