

Converting Colors

XYZ(26.6329, 34.4989, 43.7832)

Have a look what the booklet for
XYZ(26.6329, 34.4989, 43.7832)
contains.

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Color

**XYZ(26.6329, 34.4990,
43.7833)**

Conversions

Conversions Part 1

Format	Color
Hex	5FABAB
RGB	95, 171, 171
RGB Percent	37%, 67%, 67%
CMY	0.6274, 0.3294, 0.3294
CMYK	0.44, 0.00, 0.00, 0.33
HSL	180°, 31%, 52%
HSV	180°, 44%, 67%
XYZ	26.6329, 34.4990, 43.7833
YIQ	148.2760, -45.2960, -16.1120

Conversions

Conversions Part 2

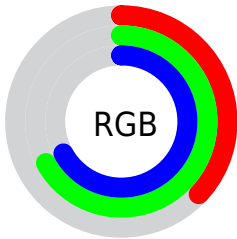
Format	Color
RYB	95, 133, 171
Decimal	6269867
CIELab	65.36, -23.49, -7.35
CIElCh	65, 24.611, 197.376
Yxy	34.4990, 0.2539, 0.3288
Android (android.graphics.Color)	4284459947 (0xFF5FABAB)
YUV	148.2760, 11.2029, -46.7231
Hunter-Lab	58.7358, -21.8496, -3.0813

Details

The XYZ color **26.6329, 34.4990, 43.7833** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9535, 17.6696, 13.0285**, and the grayscale version is **28.2326, 29.7029, 32.3465**.

A 20% lighter version of the original color is **53.7742, 66.9132, 82.0328**, and **10.6075, 14.7008, 19.7312** is the 20% darker color. If you saturate the color by 10%, you get **25.0482, 33.6829, 43.7097**, and if you desaturate by 10%, it is **28.6096, 35.5188, 43.8768**.

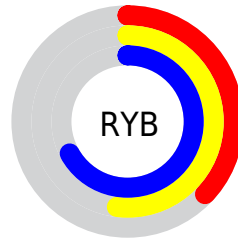
Distribution



Red (37%)

Green (67%)

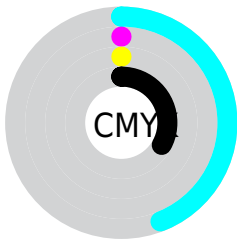
Blue (67%)



Red (37%)

Yellow (52%)

Blue (67%)

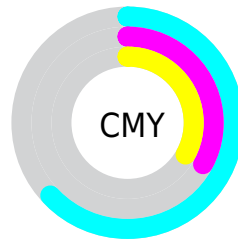


Cyan (44%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (63%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6329, 34.4990, 43.7833 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 26.6329, 34.4990, 43.7833 by changing the saturation by 10% instead.

■ 26.6329, 34.4990,
43.7833

■ 26.6329, 34.4990,
43.7833

278.0753,
322.3514, 377.8387

■ 17.4329, 23.2772,
30.1642

■ 53.7183, 66.7089,
82.1906

■ 10.6408, 14.7983,
19.7102

■ 72.3343, 88.4658,
107.8158

■ 5.8914, 8.6780,
12.0026

■ 94.8198, 114.5032,
138.2803

■ 2.8192, 4.5317,
6.6229

■ 121.5400,
145.2055, 174.0024

■ 1.0589, 1.9752,
3.1525

152.8603,
180.9571, 215.4008

■ 0.0000, 0.5930,
1.1730

189.1460,

■ 0.0000, 0.0000,

222.1423, 262.8939

0.0000

230.7626,
269.1456, 316.9004

■ 26.6329, 34.4990,
43.7833

■ 26.6329, 34.4990,
43.7833

■ 25.0482, 33.6829,
43.7097

■ 28.6096, 35.5188,
43.8768

■ 23.8265, 33.0531,
43.6523

■ 30.9986, 36.7504,
43.9888

■ 22.9401, 32.5961,
43.6106

■ 33.8226, 38.2062,
44.1212

■ 22.3556, 32.2948,
43.5830

■ 37.1016, 39.8966,
44.2748

■ 22.0330, 32.1285,
43.5677

■ 40.8546, 41.8314,
44.4507

■ 21.9140, 32.0672,
43.5620

■ 45.0992, 44.0195,
44.6496

■ 49.8524, 46.4699,
44.8722

■ 55.1303, 49.1907,
45.1194

■ 60.9481, 52.1899,
45.3919

Harmonies

Analogous

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



26.5041, 34.4990, 33.4060



26.6329, 34.4990, 43.7833



28.3338, 34.4990, 54.0715

Triad

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



26.6329, 34.4990, 43.7833



38.1371, 34.4990, 52.6068



34.3223, 34.4990, 21.3842

Complementary

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



26.6329, 34.4990, 43.7833



22.9535, 17.6696, 13.0285

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.



37.6912, 34.4990, 24.8122



26.6329, 34.4990, 43.7833



39.9992, 34.4990, 42.0525

Square

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



26.6329, 34.4990, 43.7833



34.8956, 34.4990, 59.7696



39.8303, 34.4990, 31.9626



30.7713, 34.4990, 21.6770

Rectangle

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



26.6329, 34.4990, 43.7833



30.2056, 34.4990, 58.9297



39.8303, 34.4990, 31.9626



35.5184, 34.4990, 22.1090

Sweetspot

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



26.6339, 34.5003, 43.7841



61.2408, 68.7675, 79.0471



21.4815, 32.4547, 15.9594



13.3936, 15.1996, 17.6155



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.



26.6339, 34.5003, 43.7841



44.9860, 60.3878, 78.2848



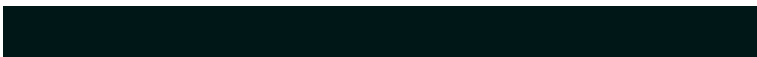
20.6331, 22.4983, 41.7847



8.2364, 9.0721, 10.2696



16.5193, 24.1730, 32.8381



0.4596, 0.6725, 0.9135

Inverse Universe

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



22.9535, 17.6696, 13.0285



37.5683, 26.4659, 16.2977



27.0765, 25.9157, 14.4024



8.0053, 8.0154, 8.3386



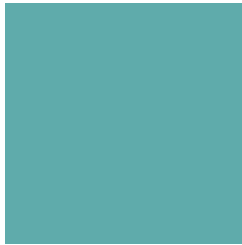
12.6607, 6.5268, 0.5926



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 26.6329, 34.4990, 43.7833 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 26.6329, 34.4990, 43.7833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

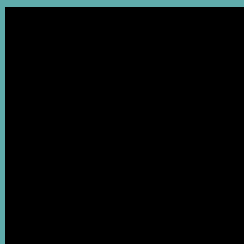
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

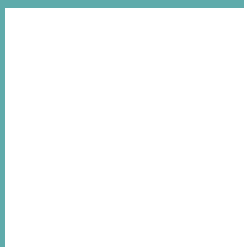
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6329, 34.4990, 43.7833

Background



This preview shows how black text looks on a background with the XYZ color 26.6329, 34.4990, 43.7833.

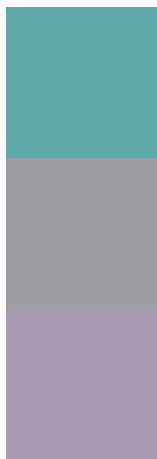


This preview shows how white text looks on a background with the XYZ color 26.6329, 34.4990,

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

26.6329, 34.4990, 43.7833

Protanopia

32.9659, 34.1292, 39.5004

Deuteranopia

34.8105, 34.2057, 45.3251



Tritanopia

27.8808, 34.4475, 49.9793

Trichromacy



Original Color

26.6329, 34.4990, 43.7833

Protanomaly

29.9566, 33.8281, 41.0270

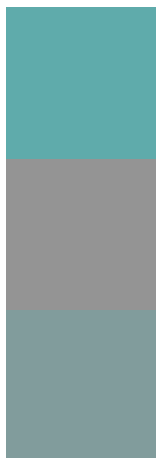
Deuteranomaly

31.0260, 33.7731, 44.9280

Tritanomaly

27.5484, 34.6008, 47.8745

Monochromacy



Original Color

26.6329, 34.4990, 43.7833

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.9425, 30.8444, 35.9860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6329, 34.4990, 43.7833 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(95, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(95, 171, 171)  
}
```

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(95, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 171, 171) }
```

Border

The CSS property to change the border of an element to XYZ 26.6329, 34.4990, 43.7833 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(95, 171, 171) }
```


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

```
.border{ border-color:rgb(95, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(95, 171,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6329, 34.4990, 43.7833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 171, 171) }
```

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

```
.background{ background-color: rgb(95, 171,  
171) }
```

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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