

Converting Colors

XYZ(25.8823, 34.4385, 33.6521)

Have a look what the booklet for
XYZ(25.8823, 34.4385, 33.6521)
contains.

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Color

**XYZ(25.8134, 34.2990,
33.6936)**

Conversions

Conversions Part 1

Format	Color
Hex	69AB95
RGB	105, 171, 149
RGB Percent	41%, 67%, 58%
CMY	0.5882, 0.3294, 0.4157
CMYK	0.39, 0.00, 0.13, 0.33
HSL	160°, 28%, 54%
HSV	160°, 39%, 67%
XYZ	25.8134, 34.2990, 33.6936
YIQ	148.7580, -32.2740, -20.8340

Conversions

Conversions Part 2

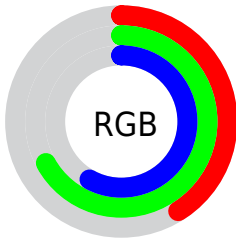
Format	Color
RYB	105, 145, 171
Decimal	6925205
CIELab	65.20, -26.20, 4.72
CIElCh	65, 26.622, 169.785
Yxy	34.2990, 0.2752, 0.3656
Android (android.graphics.Color)	4285115285 (0xFF69AB95)
YUV	148.7580, 0.1193, -38.3758
Hunter-Lab	58.5653, -23.8133, 6.8852

Details

The XYZ color **25.8134, 34.2990, 33.6936** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.6781, 20.2942, 22.6438**, and the grayscale version is **28.4754, 29.9583, 32.6246**.

A 20% lighter version of the original color is **52.5467, 66.6209, 66.5895**, and **10.1512, 14.5956, 13.8375** is the 20% darker color. If you saturate the color by 10%, you get **23.5595, 33.1893, 31.2707**, and if you desaturate by 10%, it is **28.4954, 35.6286, 36.2543**.

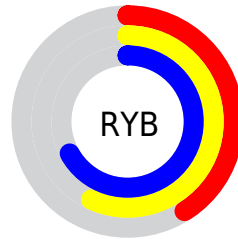
Distribution



Red (41%)

Green (67%)

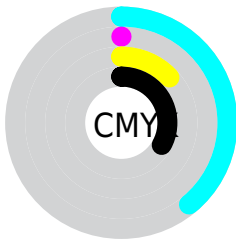
Blue (58%)



Red (41%)

Yellow (57%)

Blue (67%)

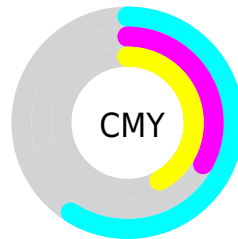


Cyan (39%)

Magenta (0%)

Yellow (13%)

Black (33%)



Cyan (59%)

Magenta (33%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8134, 34.2990, 33.6936 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 25.8134, 34.2990, 33.6936 by changing the saturation by 10% instead.

■ 25.8134, 34.2990,
33.6936

■ 25.8134, 34.2990,
33.6936

274.1384,
321.4632, 333.4910

■ 16.8160, 23.1234,
22.3829

■ 52.4072, 66.3984,
66.5853

■ 10.1979, 14.6846,
13.9375

■ 70.7344, 88.0909,
89.0034

■ 5.5936, 8.5984,
7.9389

■ 92.9022, 114.0579,
115.9611

■ 2.6379, 4.4802,
3.9687

■ 119.2760,
144.6837, 147.8767

■ 0.9653, 1.9456,
1.6082

150.2212,
180.3528, 185.1690

■ 0.0000, 0.5756,
0.2966

186.1031,

■ 0.0000, 0.0000,

221.4494, 228.2565

0.0000

227.2870,
268.3581, 277.5576

■ 25.8134, 34.2990,
33.6936

■ 25.8134, 34.2990,
33.6936

■ 23.5595, 33.1893,
31.2707

■ 28.4954, 35.6286,
36.2543

■ 21.7061, 32.2826,
28.9804

■ 31.6253, 37.1856,
38.9532

■ 20.2268, 31.5663,
26.8207

■ 35.2249, 38.9822,
41.7936

■ 19.0910, 31.0245,
24.7883

■ 39.3139, 41.0283,
44.7779

■ 18.2625, 30.6388,
22.8798

■ 43.9108, 43.3336,
47.9086

■ 17.6765, 30.3757,
21.0903

■ 49.0332, 45.9070,
51.1879

■ 17.6007, 30.3419,
20.8480

■ 54.6977, 48.7571,
54.6181

■ 60.9201, 51.8920,
58.2014

■ 66.2646, 54.5715,
61.8720

Harmonies

Analogous

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



27.2431, 34.2990, 25.2099



25.8134, 34.2990, 33.6936



26.0893, 34.2990, 45.0316

Triad

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



25.8134, 34.2990, 33.6936



35.1837, 34.2990, 61.1940



37.6430, 34.2990, 23.3248

Complementary

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



25.8134, 34.2990, 33.6936



25.6781, 20.2942, 22.6438

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.



40.1130, 34.2990, 30.5884



25.8134, 34.2990, 33.6936



38.6172, 34.2990, 52.8593

Square

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



25.8134, 34.2990, 33.6936



31.2987, 34.2990, 62.4817



40.4830, 34.2990, 41.2528



33.9373, 34.2990, 20.0577

Rectangle

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



25.8134, 34.2990, 33.6936



27.2113, 34.2990, 52.7053



40.4830, 34.2990, 41.2528



38.6573, 34.2990, 25.3042

Sweetspot

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



25.8144, 34.3004, 33.6944



60.6532, 68.5982, 72.9784



26.0309, 34.7441, 18.6994



13.3440, 15.2069, 16.1318



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.



25.8144, 34.3004, 33.6944



42.8582, 59.7652, 56.7583



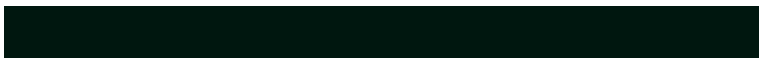
25.9398, 31.4695, 43.2368



8.1211, 9.0260, 9.6627



13.2929, 22.8824, 15.8481



0.3938, 0.6462, 0.5672

Inverse Universe

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



25.6781, 20.2942, 22.6438



42.5882, 31.2176, 34.2735



25.4648, 21.9174, 16.2534



8.1113, 8.0578, 8.8967



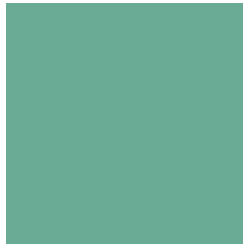
13.2397, 6.7584, 3.6417



0.3941, 0.1983, 0.2372

Previews

White Background



This preview shows how the XYZ color 25.8134, 34.2990, 33.6936 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 25.8134, 34.2990, 33.6936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

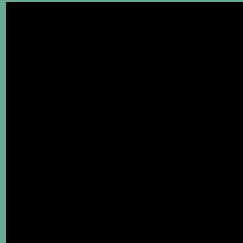
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.8134, 34.2990, 33.6936

Background



This preview shows how black text looks on a background with the XYZ color 25.8134, 34.2990, 33.6936.

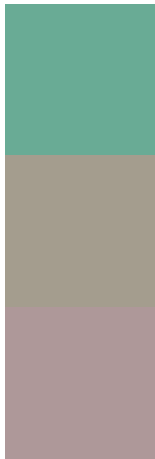


This preview shows how white text looks on a background with the XYZ color 25.8134, 34.2990,

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

25.8134, 34.2990, 33.6936

Protanopia

32.2493, 33.9594, 30.4463

Deuteranopia

34.4336, 33.7551, 34.8375



Tritanopia

28.8670, 34.4434, 48.3068

Trichromacy



Original Color

25.8134, 34.2990, 33.6936

Protanomaly

29.3589, 33.7246, 31.7502

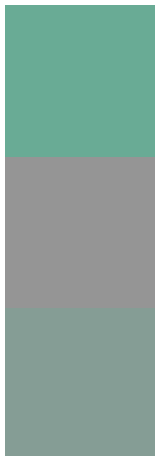
Deuteranomaly

30.4601, 33.4528, 34.5574

Tritanomaly

27.5945, 34.1848, 42.6801

Monochromacy



Original Color

25.8134, 34.2990, 33.6936

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.1547, 31.2704, 33.0384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8134, 34.2990, 33.6936 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(105, 171, 149)` looks like.

```
.text, #text, p{  
    color:rgb(105, 171, 149)  
}
```

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(105, 171, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 171, 149) }
```

Border

The CSS property to change the border of an element to XYZ 25.8134, 34.2990, 33.6936 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(105, 171, 149) }
```


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

```
.border{ border-color:rgb(105, 171, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 171, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 171, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 171, 149);  
box-shadow:4px 4px 4px 4px rgb(105, 171,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8134, 34.2990, 33.6936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 171, 149) }
```

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

```
.background{ background-color: rgb(105,  
171, 149) }
```

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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