

Converting Colors

XYZ(25.2866, 33.7944, 43.7454)

Have a look what the booklet for
XYZ(25.2866, 33.7944, 43.7454)
contains.

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Color

**XYZ(25.3069, 33.8154,
43.7213)**

Conversions

Conversions Part 1

Format	Color
Hex	51ABAB
RGB	81, 171, 171
RGB Percent	32%, 67%, 67%
CMY	0.6823, 0.3294, 0.3294
CMYK	0.53, 0.00, 0.00, 0.33
HSL	180°, 36%, 49%
HSV	180°, 53%, 67%
XYZ	25.3069, 33.8154, 43.7213
YIQ	144.0900, -53.6400, -19.0800

Conversions

Conversions Part 2

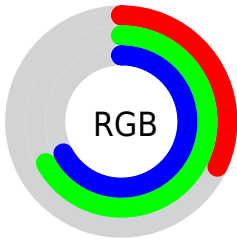
Format	Color
RYB	81, 126, 171
Decimal	5352363
CIELab	64.82, -26.68, -8.21
CIElCh	65, 27.915, 197.111
Yxy	33.8154, 0.2461, 0.3288
Android (android.graphics.Color)	4283542443 (0xFF51ABAB)
YUV	144.0900, 13.2666, -55.3299
Hunter-Lab	58.1510, -24.0824, -3.8720

Details

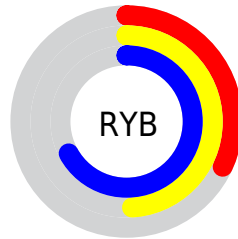
The XYZ color **25.3069, 33.8154, 43.7213** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **21.2233, 15.1378, 9.5889**, and the grayscale version is **26.5101, 27.8907, 30.3729**.

A 20% lighter version of the original color is **51.6778, 65.8324, 81.9347**, and **9.8958, 14.3339, 19.6979** is the 20% darker color. If you saturate the color by 10%, you get **24.0223, 33.1539, 43.6618**, and if you desaturate by 10%, it is **26.9625, 34.6697, 43.7997**.

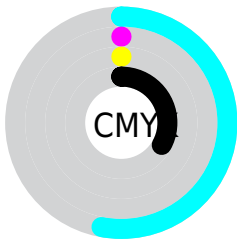
Distribution



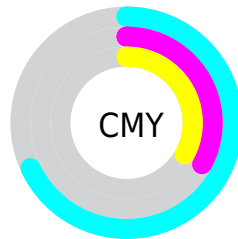
- Red (32%)
- Green (67%)
- Blue (67%)



- Red (32%)
- Yellow (49%)
- Blue (67%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (68%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3069, 33.8154, 43.7213 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 25.3069, 33.8154, 43.7213 by changing the saturation by 10% instead.

■ 25.3069, 33.8154,
43.7213

■ 25.3069, 33.8154,
43.7213

271.6824,
319.3081, 377.5778

■ 16.4358, 22.7518,
30.1159

■ 51.5940, 65.6465,
82.0962

■ 9.9259, 14.4104,
19.6738

■ 69.7407, 87.1828,
107.7028

■ 5.4117, 8.4066,
11.9764

■ 91.7100, 112.9788,
138.1468

■ 2.5280, 4.3562,
6.6053

■ 117.8672,
143.4189, 173.8468

■ 0.9094, 1.8748,
3.1418

148.5777,
178.8875, 215.2214

■ 0.0000, 0.5331,
1.1675

184.2068,

■ 0.0000, 0.0000,

219.7690, 262.6891

0.0000

225.1199,
266.4477, 316.6683

■ 25.3069, 33.8154,
43.7213

■ 25.3069, 33.8154,
43.7213

■ 24.0223, 33.1539,
43.6618

■ 26.9625, 34.6697,
43.7997

■ 23.0774, 32.6669,
43.6174

■ 29.0114, 35.7259,
43.8957

■ 22.4409, 32.3387,
43.5875

■ 31.4778, 36.9974,
44.0113

■ 22.0743, 32.1497,
43.5702

■ 34.3828, 38.4950,
44.1474

■ 21.9141, 32.0671,
43.5626

■ 37.7464, 40.2290,
44.3050

■ 41.5872, 42.2090,
44.4849

■ 45.9228, 44.4441,
44.6879

■ 50.7700, 46.9428,
44.9149

■ 56.1445, 49.7135,
45.1666

Harmonies

Analogous

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



25.1815, 33.8154, 32.1003



25.3069, 33.8154, 43.7213



27.1634, 33.8154, 55.5287

Triad

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



25.3069, 33.8154, 43.7213



38.1406, 33.8154, 54.0266



33.8951, 33.8154, 19.1863

Complementary

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



25.3069, 33.8154, 43.7213



21.2233, 15.1378, 9.5889

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.



37.6913, 33.8154, 22.8694



25.3069, 33.8154, 43.7213



40.2763, 33.8154, 41.9793

Square

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



25.3069, 33.8154, 43.7213



34.4679, 33.8154, 62.2766



40.1053, 33.8154, 30.6847



29.9203, 33.8154, 19.4608

Rectangle

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



25.3069, 33.8154, 43.7213



29.2279, 33.8154, 61.1997



40.1053, 33.8154, 30.6847



35.2405, 33.8154, 19.9639

Sweetspot

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



25.3079, 33.8167, 43.7221



59.5819, 67.9123, 78.9695



19.5724, 31.5375, 12.8411



13.0548, 15.0250, 17.5996



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.



25.3079, 33.8167, 43.7221



42.7329, 59.2263, 78.1797



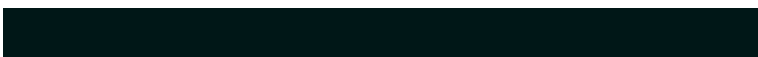
18.3992, 19.9990, 41.4199



8.2364, 9.0721, 10.2697



16.5194, 24.1730, 32.8386



0.4596, 0.6725, 0.9135

Inverse Universe

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



21.2233, 15.1378, 9.5889



34.6282, 22.1638, 10.4529



25.5514, 23.7942, 11.0314



8.0053, 8.0154, 8.3386



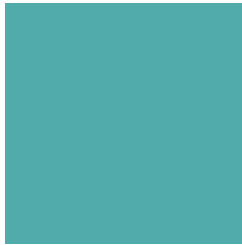
12.6607, 6.5268, 0.5926



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 25.3069, 33.8154, 43.7213 looks on a white background.

Color Contrast Check

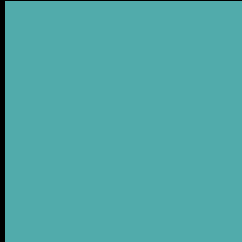
Large Text (above 18pt) WCAG AA × Fail

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 25.3069, 33.8154, 43.7213 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

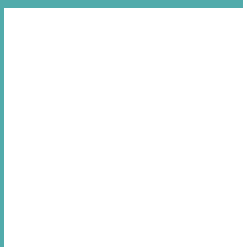
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3069, 33.8154, 43.7213

Background



This preview shows how black text looks on a background with the XYZ color 25.3069, 33.8154, 43.7213.

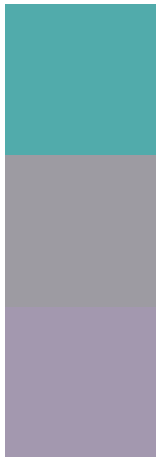


This preview shows how white text looks on a background with the XYZ color 25.3069, 33.8154,

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

25.3069, 33.8154, 43.7213

Protanopia

32.1476, 33.2194, 38.9001

Deuteranopia

34.0704, 33.3381, 45.1966



Tritanopia

26.4815, 33.7261, 49.9138

Trichromacy



Original Color

25.3069, 33.8154, 43.7213

Protanomaly

28.5897, 32.8735, 40.4357

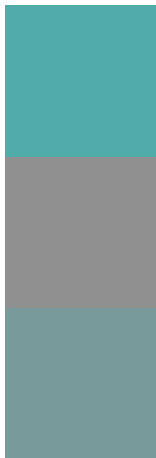
Deuteranomaly

29.7110, 32.8388, 44.8170

Tritanomaly

26.1676, 33.8889, 47.8099

Monochromacy



Original Color

25.3069, 33.8154, 43.7213

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.2735, 29.5092, 34.9356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3069, 33.8154, 43.7213 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(81, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(81, 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(81, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 171, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.3069, 33.8154, 43.7213 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(81, 171, 171) }
```


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

```
.border{ border-color:rgb(81, 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(81, 171, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(81, 171,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3069, 33.8154, 43.7213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 171, 171) }
```

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

```
.background{ background-color: rgb(81, 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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