

Converting Colors

XYZ(25.1426, 38.3066, 38.8155)

Have a look what the booklet for
XYZ(25.1426, 38.3066, 38.8155)
contains.

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Color

**XYZ(25.1323, 38.2991,
38.8687)**

Conversions

Conversions Part 1

Format	Color
Hex	32BA9F
RGB	50, 186, 159
RGB Percent	20%, 73%, 62%
CMY	0.8039, 0.2706, 0.3765
CMYK	0.73, 0.00, 0.15, 0.27
HSL	168°, 58%, 46%
HSV	168°, 73%, 73%
XYZ	25.1323, 38.2991, 38.8687
YIQ	142.2580, -72.3890, -37.2290

Conversions

Conversions Part 2

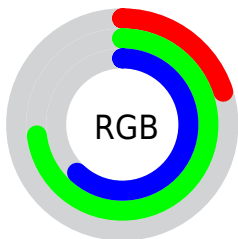
Format	Color
RYB	50, 125, 186
Decimal	3324575
CIELab	68.24, -42.18, 3.37
CIElCh	68, 42.316, 175.438
Yxy	38.2991, 0.2457, 0.3744
Android (android.graphics.Color)	4281514655 (0xFF32BA9F)
YUV	142.2580, 8.2538, -80.9103
Hunter-Lab	61.8863, -35.8113, 6.0823

Details

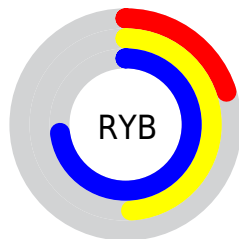
The XYZ color **25.1323, 38.2991, 38.8687** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **22.7312, 13.2572, 8.3836**, and the grayscale version is **25.8034, 27.1472, 29.5633**.

A 20% lighter version of the original color is **51.3906, 72.6692, 74.9363**, and **10.9580, 17.5852, 17.0041** is the 20% darker color. If you saturate the color by 10%, you get **24.0793, 37.7936, 37.1721**, and if you desaturate by 10%, it is **26.5695, 39.0033, 40.6350**.

Distribution



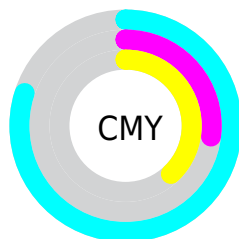
- Red (20%)
- Green (73%)
- Blue (62%)



- Red (20%)
- Yellow (49%)
- Blue (73%)



- Cyan (73%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)





- Cyan (80%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1323, 38.2991, 38.8687 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 25.1323, 38.2991, 38.8687 by changing the saturation by 10% instead.


 25.1323, 38.2991,
38.8687


 25.1323, 38.2991,
38.8687


270.8317,
338.9013, 356.7412


 16.3049, 26.2149,
26.3506


 51.3131, 72.5663,
74.6558


 9.8324, 16.9845,
16.8580


 69.3973, 95.5182,
98.7619

 5.3494, 10.2234,
9.9724


 91.2977, 122.8614,
127.5677

 2.4905, 5.5474,
5.2753

 117.3798,
154.9803, 161.4917

 0.8905, 2.5719,
2.3481

 148.0088,
192.2594, 200.9525

 0.0000, 0.9125,
0.7580

183.5503,

 0.0000, 0.0000,

235.0830, 246.3687

0.0000

224.3694,
283.8355, 298.1587

■ 25.1323, 38.2991,
38.8687

■ 25.1323, 38.2991,
38.8687

■ 24.0793, 37.7936,
37.1721

■ 26.5695, 39.0033,
40.6350

■ 23.3587, 37.4576,
35.5397

■ 28.4279, 39.9227,
42.4706

■ 22.9901, 37.2913,
34.4504

■ 30.7439, 41.0768,
44.3784

■ 33.5487, 42.4818,
46.3603

■ 36.8711, 44.1524,
48.4181

■ 40.7373, 46.1023,
50.5535

■ 45.1720, 48.3440,
52.7679

■ 50.1982, 50.8895,
55.0628

■ 55.8376, 53.7500,
57.4397

Harmonies

Analogous

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



26.8951, 38.2991, 24.2531



25.1323, 38.2991, 38.8687



26.0762, 38.2991, 59.3981

Triad

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



25.1323, 38.2991, 38.8687



42.1470, 38.2991, 84.0361



44.1100, 38.2991, 18.3109

Complementary

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



25.1323, 38.2991, 38.8687



22.7312, 13.2572, 8.3836

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.



49.1472, 38.2991, 27.9228



25.1323, 38.2991, 38.8687



47.9209, 38.2991, 65.9846

Square

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



25.1323, 38.2991, 38.8687



35.3992, 38.2991, 89.6084



50.6196, 38.2991, 44.6681



37.4239, 38.2991, 14.8984

Rectangle

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



25.1323, 38.2991, 38.8687



28.1823, 38.2991, 73.4345



50.6196, 38.2991, 44.6681



46.0826, 38.2991, 20.7496

Sweetspot

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



25.1334, 38.3006, 38.8696



67.3201, 80.2736, 88.0435



21.2126, 36.9358, 9.0297



14.4386, 17.4830, 19.1614



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.1334, 38.3006, 38.8696



42.7517, 68.0820, 65.4848



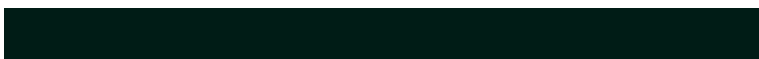
20.3356, 24.5368, 50.1203



9.1882, 10.1792, 11.1483



15.4935, 25.0983, 23.3183



0.5659, 0.8927, 0.9261

Inverse Universe

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



22.7312, 13.2572, 8.3836



38.2950, 20.2637, 7.9210



24.5508, 18.1188, 5.2217



9.0756, 9.0406, 9.7454



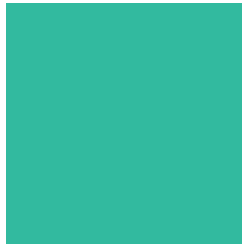
13.8692, 7.1214, 1.9319



0.5108, 0.2598, 0.1831

Previews

White Background



This preview shows how the XYZ color 25.1323, 38.2991, 38.8687 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 25.1323, 38.2991, 38.8687 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

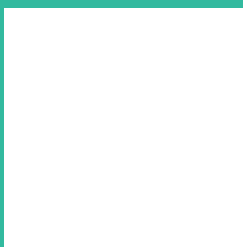
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1323, 38.2991, 38.8687

Background



This preview shows how black text looks on a background with the XYZ color 25.1323, 38.2991, 38.8687.

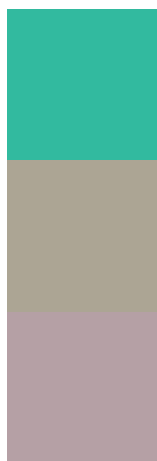


This preview shows how white text looks on a background with the XYZ color 25.1323, 38.2991,

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

25.1323, 38.2991, 38.8687

Protanopia

35.8137, 37.8190, 33.4292

Deuteranopia

38.4184, 37.6820, 40.8458



Tritanopia

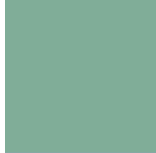
29.0135, 38.3354, 58.0948

Trichromacy



Original Color

25.1323, 38.2991, 38.8687



Protanomaly

29.5132, 36.7433, 35.2424



Deuteranomaly

30.4717, 36.0068, 39.9943



Tritanomaly

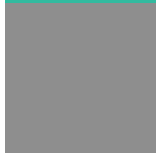
27.5306, 38.3426, 50.7496

Monochromacy



Original Color

25.1323, 38.2991, 38.8687



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

23.8788, 29.8430, 32.5187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1323, 38.2991, 38.8687 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(50, 186, 159)` looks like.

```
.text, #text, p{  
    color:rgb(50, 186, 159)  
}
```

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(50, 186, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 186, 159) }
```

Border

The CSS property to change the border of an element to XYZ 25.1323, 38.2991, 38.8687 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(50, 186, 159) }
```


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

```
.border{ border-color:rgb(50, 186, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 186, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 186, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 186, 159);  
box-shadow:4px 4px 4px 4px rgb(50, 186,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1323, 38.2991, 38.8687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 186, 159) }
```

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

```
.background{ background-color: rgb(50, 186,  
159) }
```

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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