

Converting Colors

XYZ(25.2921, 32.9927, 43.4883)

Have a look what the booklet for
XYZ(25.2921, 32.9927, 43.4883)
contains.

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Color

**XYZ(25.2838, 32.9718,
43.5597)**

Conversions

Conversions Part 1

Format	Color
Hex	57A8AB
RGB	87, 168, 171
RGB Percent	34%, 66%, 67%
CMY	0.6588, 0.3412, 0.3294
CMYK	0.49, 0.02, 0.00, 0.33
HSL	182°, 33%, 51%
HSV	182°, 49%, 67%
XYZ	25.2838, 32.9718, 43.5597
YIQ	144.1230, -49.2390, -16.2390

Conversions

Conversions Part 2

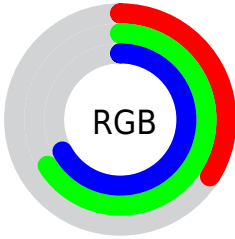
Format	Color
RYB	87, 128, 171
Decimal	5744811
CIELab	64.14, -23.86, -9.20
CIELCh	64, 25.568, 201.088
Yxy	32.9718, 0.2483, 0.3238
Android (android.graphics.Color)	4283934891 (0xFF57A8AB)
YUV	144.1230, 13.2504, -50.0969
Hunter-Lab	57.4211, -21.8893, -4.7827

Details

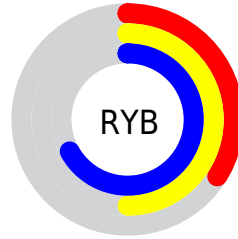
The XYZ color **25.2838, 32.9718, 43.5597** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **22.1716, 16.6589, 11.0645**, and the grayscale version is **26.5222, 27.9034, 30.3868**.

A 20% lighter version of the original color is **51.4428, 64.1060, 81.6139**, and **9.9761, 14.0294, 19.6349** is the 20% darker color. If you saturate the color by 10%, you get **23.7604, 32.0203, 43.4569**, and if you desaturate by 10%, it is **27.1879, 34.1219, 43.6819**.

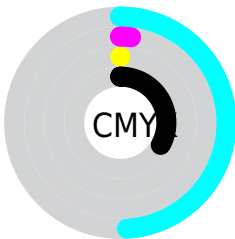
Distribution



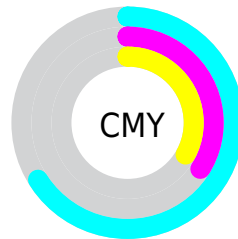
- Red (34%)
- Green (66%)
- Blue (67%)



- Red (34%)
- Yellow (50%)
- Blue (67%)



- Cyan (49%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (66%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2838, 32.9718, 43.5597 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 25.2838, 32.9718, 43.5597 by changing the saturation by 10% instead.

■ 25.2838, 32.9718,
43.5597

■ 25.2838, 32.9718,
43.5597

271.5700,
315.5226, 376.8971

■ 16.4185, 22.1048,
29.9899

■ 51.5568, 64.3315,
81.8502

■ 9.9135, 13.9340,
19.5789

■ 69.6953, 85.5930,
107.4079

■ 5.4035, 8.0747,
11.9083

■ 91.6554, 111.0882,
137.7987

■ 2.5230, 4.1428,
6.5595

■ 117.8027,
141.2014, 173.4410

■ 0.9069, 1.7538,
3.1139

148.5025,
176.3171, 214.7535

■ 0.0000, 0.4581,
1.1531

184.1200,

■ 0.0000, 0.0000,

216.8196, 262.1547

0.0000

225.0207,
263.0933, 316.0630

■ 25.2838, 32.9718,
43.5597

■ 25.2838, 32.9718,
43.5597

■ 23.7604, 32.0203,
43.4569

■ 27.1879, 34.1219,
43.6819

■ 22.5875, 31.2496,
43.3700

■ 29.4942, 35.4793,
43.8224

■ 21.7355, 30.6450,
43.2982

■ 32.2260, 37.0568,
43.9829

■ 21.1683, 30.1880,
43.2399

■ 35.4043, 38.8653,
44.1644

■ 20.8159, 29.8426,
43.1918

■ 39.0482, 40.9147,
44.3679

■ 20.7874, 29.8136,
43.1877

■ 43.1762, 43.2144,
44.5943

■ 47.8055, 45.7733,
44.8442

■ 52.9525, 48.5999,
45.1185

■ 58.6328, 51.7022,
45.4179

Harmonies

Analogous

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



24.9541, 32.9718, 32.9008



25.2838, 32.9718, 43.5597



27.1676, 32.9718, 53.7488

Triad

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



25.2838, 32.9718, 43.5597



37.0715, 32.9718, 49.9308



32.4292, 32.9718, 19.5913

Complementary

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



25.2838, 32.9718, 43.5597



22.1716, 16.6589, 11.0645

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.



35.9163, 32.9718, 22.5185



25.2838, 32.9718, 43.5597



38.7288, 32.9718, 39.0775

Square

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



25.2838, 32.9718, 43.5597



33.9099, 32.9718, 57.8916



38.2905, 32.9718, 29.1966



28.9009, 32.9718, 20.3311

Rectangle

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



25.2838, 32.9718, 43.5597



29.1369, 32.9718, 58.2483



38.2905, 32.9718, 29.1966



33.6488, 32.9718, 20.1544

Sweetspot

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



25.2848, 32.9731, 43.5605



59.8124, 67.5648, 78.8907



20.3311, 31.8875, 14.7124



13.0867, 14.9235, 17.5785



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.



25.2848, 32.9731, 43.5605



42.3337, 57.2054, 77.8124



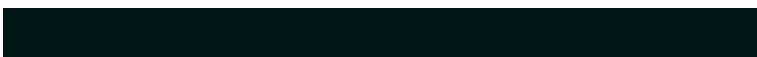
18.7684, 19.9403, 41.3883



8.2115, 9.0223, 10.2614



15.6789, 22.4917, 32.5595



0.4436, 0.6405, 0.9082

Inverse Universe

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



27.2715, 18.3023, 39.1425



46.3633, 28.0000, 68.7279



26.7398, 25.7952, 12.5872



8.3245, 8.1431, 10.0198



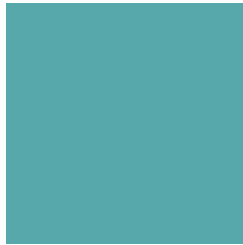
17.7776, 8.5736, 27.5382



0.4983, 0.2400, 0.7857

Previews

White Background



This preview shows how the XYZ color 25.2838, 32.9718, 43.5597 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 25.2838, 32.9718, 43.5597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

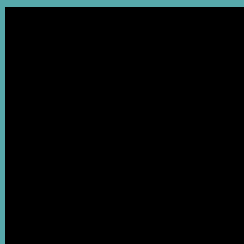
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

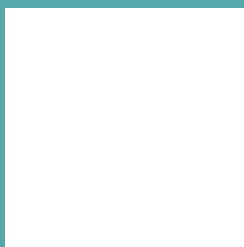
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2838, 32.9718, 43.5597

Background



This preview shows how black text looks on a background with the XYZ color 25.2838, 32.9718, 43.5597.

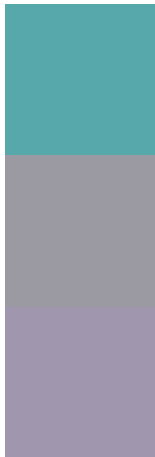


This preview shows how white text looks on a background with the XYZ color 25.2838, 32.9718,

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

25.2838, 32.9718, 43.5597

Protanopia

31.5948, 32.6884, 38.8267

Deuteranopia

33.3017, 32.7019, 45.1144



Tritanopia

26.2734, 33.1064, 48.1854

Trichromacy



Original Color

25.2838, 32.9718, 43.5597

Protanomaly

28.3956, 32.2587, 40.3273

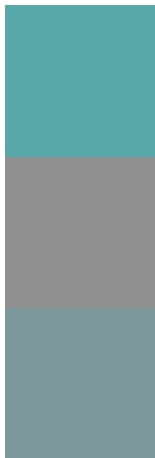
Deuteranomaly

29.3698, 32.1565, 44.7033

Tritanomaly

25.8744, 32.9356, 46.5885

Monochromacy



Original Color

25.2838, 32.9718, 43.5597

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.3923, 29.3265, 34.8941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2838, 32.9718, 43.5597 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(87, 168, 171)` looks like.

```
.text, #text, p{  
    color:rgb(87, 168, 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(87, 168, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 168, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.2838, 32.9718, 43.5597 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(87, 168, 171) }
```


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

```
.border{ border-color:rgb(87, 168, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 168, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 168, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 168, 171);  
box-shadow:4px 4px 4px 4px rgb(87, 168,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2838, 32.9718, 43.5597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 168, 171) }
```

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

```
.background{ background-color: rgb(87, 168,  
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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