

Converting Colors

XYZ(25.7847, 32.9558, 43.5300)

Have a look what the booklet for
XYZ(25.7847, 32.9558, 43.5300)
contains.

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Color

**XYZ(25.7855, 32.9574,
43.5305)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA7AB
RGB	94, 167, 171
RGB Percent	37%, 65%, 67%
CMY	0.6314, 0.3451, 0.3294
CMYK	0.45, 0.02, 0.00, 0.33
HSL	183°, 31%, 52%
HSV	183°, 45%, 67%
XYZ	25.7855, 32.9574, 43.5305
YIQ	145.6290, -44.7920, -14.2320

Conversions

Conversions Part 2

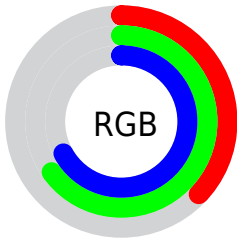
Format	Color
RYB	94, 131, 171
Decimal	6203307
CIELab	64.13, -21.69, -9.19
CIELCh	64, 23.558, 202.952
Yxy	32.9574, 0.2521, 0.3222
Android (android.graphics.Color)	4284393387 (0xFF5EA7AB)
YUV	145.6290, 12.5079, -45.2786
Hunter-Lab	57.4085, -20.2902, -4.7712

Details

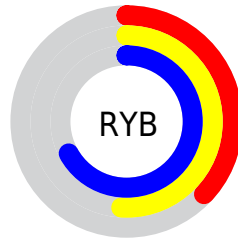
The XYZ color **25.7855, 32.9574, 43.5305** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.1832, 18.2020, 12.8819**, and the grayscale version is **27.1343, 28.5474, 31.0881**.

A 20% lighter version of the original color is **52.2432, 64.1231, 81.5750**, and **10.2235, 13.9867, 19.6136** is the 20% darker color. If you saturate the color by 10%, you get **24.0607, 31.8283, 43.4041**, and if you desaturate by 10%, it is **27.9019, 34.2915, 43.6770**.

Distribution



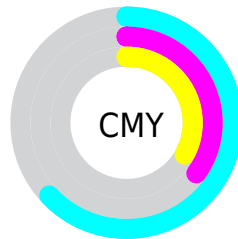
- Red (37%)
- Green (65%)
- Blue (67%)



- Red (37%)
- Yellow (51%)
- Blue (67%)



- Cyan (45%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (63%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7855, 32.9574, 43.5305 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 25.7855, 32.9574, 43.5305 by changing the saturation by 10% instead.

■ 25.7855, 32.9574,
43.5305

■ 25.7855, 32.9574,
43.5305

274.0036,
315.4577, 376.7740

■ 16.7951, 22.0938,
29.9671

■ 52.3625, 64.3090,
81.8057

■ 10.1829, 13.9258,
19.5618

■ 70.6797, 85.5658,
107.3546

■ 5.5836, 8.0691,
11.8960

■ 92.8367, 111.0558,
137.7358

■ 2.6318, 4.1392,
6.5512

■ 119.1986,
141.1635, 173.3677

■ 0.9622, 1.7517,
3.1089

150.1309,
176.2731, 214.6689

■ 0.0000, 0.4568,
1.1505

185.9989,

■ 0.0000, 0.0000,

216.7690, 262.0581

0.0000

227.1680,
263.0358, 315.9536

■ 25.7855, 32.9574,
43.5305

■ 25.7855, 32.9574,
43.5305

■ 24.0607, 31.8283,
43.4041

■ 27.9019, 34.2915,
43.6770

■ 22.6985, 30.8871,
43.2942

■ 30.4304, 35.8390,
43.8425

■ 21.6709, 30.1199,
43.2003

■ 33.3938, 37.6124,
44.0286

■ 20.9442, 29.5096,
43.1207

■ 36.8122, 39.6220,
44.2363

■ 20.4770, 29.0347,
43.0537

■ 40.7046, 41.8776,
44.4665

■ 20.2926, 28.8238,
43.0227

■ 45.0888, 44.3884,
44.7201

■ 49.9816, 47.1631,
44.9978

■ 55.3993, 50.2100,
45.3003

■ 61.3573, 53.5372,
45.6285

Harmonies

Analogous

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



25.3844, 32.9574, 33.6794



25.7855, 32.9574, 43.5305



27.6197, 32.9574, 52.6215

Triad

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



25.7855, 32.9574, 43.5305



36.7246, 32.9574, 48.1203



32.1181, 32.9574, 20.5754

Complementary

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



25.7855, 32.9574, 43.5305



23.1832, 18.2020, 12.8819

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.



35.3478, 32.9574, 23.1368



25.7855, 32.9574, 43.5305



38.1269, 32.9574, 38.1848

Square

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



25.7855, 32.9574, 43.5305



33.8918, 32.9574, 55.5826



37.6060, 32.9574, 29.1916



28.8912, 32.9574, 21.4961

Rectangle

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



25.7855, 32.9574, 43.5305



29.4832, 32.9574, 56.4529



37.6060, 32.9574, 29.1916



33.2420, 32.9574, 21.0398

Sweetspot

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



25.7865, 32.9587, 43.5313



60.2535, 67.6262, 78.8793



21.3773, 32.3852, 16.6432



13.1701, 14.9227, 17.5739



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.



25.7865, 32.9587, 43.5313



43.1109, 57.0155, 77.7348



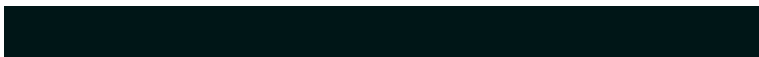
19.7718, 20.9293, 41.5264



8.2002, 8.9997, 10.2576



15.3095, 21.7528, 32.4363



0.4365, 0.6263, 0.9059

Inverse Universe

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



27.7732, 19.4542, 38.8519



47.1814, 29.9574, 68.0102



27.6692, 27.1740, 14.3772



8.3188, 8.1408, 9.9898



17.5911, 8.4990, 26.5562



0.4947, 0.2386, 0.7669

Previews

White Background



This preview shows how the XYZ color 25.7855, 32.9574, 43.5305 looks on a white background.

Color Contrast Check

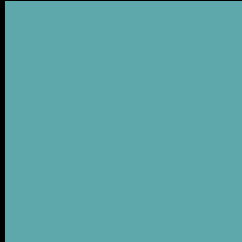
Large Text (above 18pt) WCAG AA × Fail

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 25.7855, 32.9574, 43.5305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

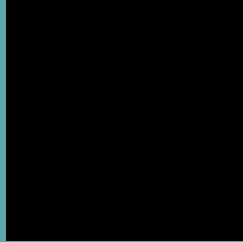
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.7855, 32.9574, 43.5305

Background



This preview shows how black text looks on a background with the XYZ color 25.7855, 32.9574, 43.5305.

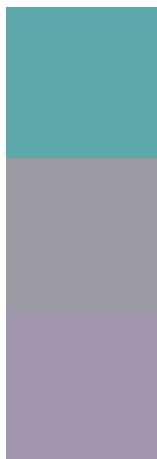


This preview shows how white text looks on a background with the XYZ color 25.7855, 32.9574,

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

25.7855, 32.9574, 43.5305

Protanopia

31.6840, 32.7241, 39.2968

Deuteranopia

33.3017, 32.7019, 45.1144



Tritanopia

26.5968, 33.0139, 47.6183

Trichromacy



Original Color

25.7855, 32.9574, 43.5305

Protanomaly

28.9539, 32.5360, 40.8304

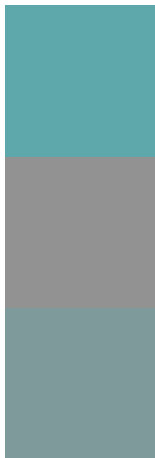
Deuteranomaly

29.8503, 32.4042, 44.7258

Tritanomaly

26.1920, 32.8399, 46.0326

Monochromacy



Original Color

25.7855, 32.9574, 43.5305

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.2244, 29.9898, 35.4168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7855, 32.9574, 43.5305 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(94, 167, 171)` looks like.

```
.text, #text, p{  
    color:rgb(94, 167, 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(94, 167, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 167, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.7855, 32.9574, 43.5305 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(94, 167, 171) }
```


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

```
.border{ border-color:rgb(94, 167, 171) }
```

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

Here you see how a box with a 4 pixel rgb(94, 167, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 167, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 167, 171);  
box-shadow:4px 4px 4px 4px rgb(94, 167,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7855, 32.9574, 43.5305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 167, 171) }
```

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

```
.background{ background-color: rgb(94, 167,  
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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