

Converting Colors

XYZ(25.5339, 32.1677, 42.8139)

Have a look what the booklet for
XYZ(25.5339, 32.1677, 42.8139)
contains.

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Color

**XYZ(25.6406, 32.3539,
42.9237)**

Conversions

Conversions Part 1

Format	Color
Hex	61A5AA
RGB	97, 165, 170
RGB Percent	38%, 65%, 67%
CMY	0.6196, 0.3529, 0.3333
CMYK	0.43, 0.03, 0.00, 0.33
HSL	184°, 30%, 52%
HSV	184°, 43%, 67%
XYZ	25.6406, 32.3539, 42.9237
YIQ	145.2380, -42.1330, -12.8610

Conversions

Conversions Part 2

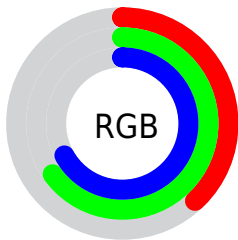
Format	Color
RYB	97, 132, 170
Decimal	6399402
CIELab	63.63, -20.18, -9.35
CIElCh	64, 22.239, 204.855
Yxy	32.3539, 0.2541, 0.3206
Android (android.graphics.Color)	4284589482 (0xFF61A5AA)
YUV	145.2380, 12.2077, -42.3047
Hunter-Lab	56.8805, -19.0766, -4.9256

Details

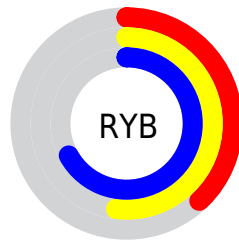
The XYZ color **25.6406, 32.3539, 42.9237** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.4872, 18.9124, 13.7227**, and the grayscale version is **26.9754, 28.3802, 30.9061**.

A 20% lighter version of the original color is **52.1327, 63.2980, 80.7042**, and **10.1300, 13.6105, 19.2327** is the 20% darker color. If you saturate the color by 10%, you get **23.8110, 31.1012, 42.7789**, and if you desaturate by 10%, it is **27.8623, 33.8131, 43.0888**.

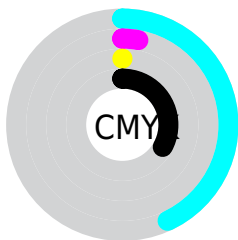
Distribution



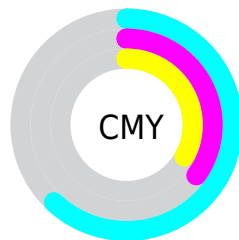
- Red (38%)
- Green (65%)
- Blue (67%)



- Red (38%)
- Yellow (52%)
- Blue (67%)



- Cyan (43%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)



- Cyan (62%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6406, 32.3539, 42.9237 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 25.6406, 32.3539, 42.9237 by changing the saturation by 10% instead.

■ 25.6406, 32.3539,
42.9237

■ 25.6406, 32.3539,
42.9237

273.3025,
312.7282, 374.2099

■ 16.6862, 21.6320,
29.4943

■ 52.1300, 63.3655,
80.8808

■ 10.1049, 13.5867,
19.2063

■ 70.3958, 84.4239,
106.2456

■ 5.5314, 7.8338,
11.6411

■ 92.4961, 109.6966,
136.4260

■ 2.6002, 3.9888,
6.3802

■ 118.7962,
139.5680, 171.8404

■ 0.9461, 1.6673,
3.0051

149.6615,
174.4225, 212.9075

■ 0.0000, 0.4023,
1.0973

185.4575,

■ 0.0000, 0.0000,

214.6444, 260.0457

0.0000

226.5493,
260.6182, 313.6737

■ 25.6406, 32.3539,
42.9237

■ 25.6406, 32.3539,
42.9237

■ 23.8110, 31.1012,
42.7789

■ 27.8623, 33.8131,
43.0888

■ 22.3454, 30.0382,
42.6510

■ 30.4959, 35.4867,
43.2731

■ 21.2170, 29.1518,
42.5394

■ 33.5634, 37.3869,
43.4782

■ 20.3936, 28.4255,
42.4426

■ 37.0845, 39.5238,
43.7050

■ 19.8370, 27.8396,
42.3588

■ 41.0777, 41.9069,
43.9545

■ 19.5443, 27.4793,
42.3047

■ 45.5601, 44.5451,
44.2275

■ 50.5485, 47.4470,
44.5247

■ 56.0585, 50.6207,
44.8469

■ 62.1051, 54.0739,
45.1948

Harmonies

Analogous

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



25.1744, 32.3539, 33.7149



25.6406, 32.3539, 42.9237



27.4375, 32.3539, 51.1606

Triad

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



25.6406, 32.3539, 42.9237



35.9023, 32.3539, 46.0290



31.2906, 32.3539, 20.7816

Complementary

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



25.6406, 32.3539, 42.9237



23.4872, 18.9124, 13.7227

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.



34.3220, 32.3539, 23.0028



25.6406, 32.3539, 42.9237



37.0967, 32.3539, 36.7855

Square

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



25.6406, 32.3539, 42.9237



33.3327, 32.3539, 53.1547



36.4999, 32.3539, 28.5117



28.3070, 32.3539, 21.8666

Rectangle

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



25.6406, 32.3539, 42.9237



29.2161, 32.3539, 54.4689



36.4999, 32.3539, 28.5117



32.3396, 32.3539, 21.1535

Sweetspot

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



25.6416, 32.3552, 42.9245



60.7199, 67.7255, 78.8739



21.6969, 32.2482, 17.6176



13.2586, 14.9296, 17.5706



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.



25.6416, 32.3552, 42.9245



43.2009, 56.4283, 77.6167



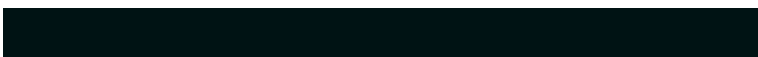
19.9883, 21.0486, 41.0400



7.7029, 8.4428, 9.6420



14.3933, 20.2468, 31.1249



0.3628, 0.5178, 0.7615

Inverse Universe

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



27.6446, 19.8129, 37.9659



47.4141, 30.7674, 67.0252



27.8771, 27.6923, 15.1860



7.8194, 7.6576, 9.3662



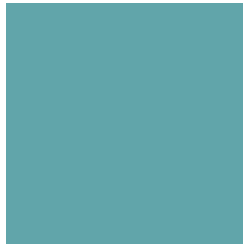
16.7657, 8.1150, 24.6414



0.4143, 0.2000, 0.6330

Previews

White Background



This preview shows how the XYZ color 25.6406, 32.3539, 42.9237 looks on a white background.

Color Contrast Check

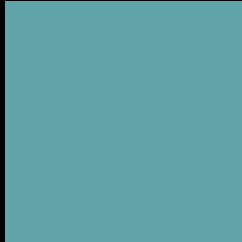
Large Text (above 18pt) WCAG AA × Fail

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 25.6406, 32.3539, 42.9237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

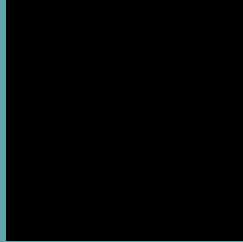
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6406, 32.3539, 42.9237

Background



This preview shows how black text looks on a background with the XYZ color 25.6406, 32.3539, 42.9237.

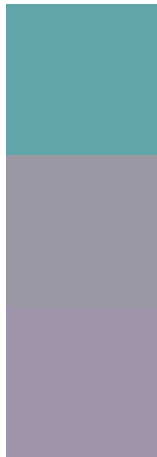


This preview shows how white text looks on a background with the XYZ color 25.6406, 32.3539,

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

25.6406, 32.3539, 42.9237

Protanopia

31.0762, 31.9351, 38.7086

Deuteranopia

32.5883, 31.8830, 43.9716



Tritanopia

26.3569, 32.3779, 46.4554

Trichromacy



Original Color

25.6406, 32.3539, 42.9237

Protanomaly

28.5214, 31.8171, 40.2354

Deuteranomaly

29.3211, 31.6555, 43.5945

Tritanomaly

25.9524, 32.2036, 44.8925

Monochromacy



Original Color

25.6406, 32.3539, 42.9237

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.9631, 29.3788, 34.8741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6406, 32.3539, 42.9237 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(97, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(97, 165, 170)  
}
```

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(97, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 165, 170) }
```

Border

The CSS property to change the border of an element to XYZ 25.6406, 32.3539, 42.9237 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(97, 165, 170) }
```


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

```
.border{ border-color:rgb(97, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(97, 165,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6406, 32.3539, 42.9237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 165, 170) }
```

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

```
.background{ background-color: rgb(97, 165,  
170) }
```

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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