

Converting Colors

XYZ(28.5635, 40.2583, 32.5594)

Have a look what the booklet for
XYZ(28.5635, 40.2583, 32.5594)
contains.

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Color

**XYZ(28.5368, 40.1956,
32.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	6ABA90
RGB	106, 186, 144
RGB Percent	42%, 73%, 56%
CMY	0.5843, 0.2706, 0.4353
CMYK	0.43, 0.00, 0.23, 0.27
HSL	148°, 37%, 57%
HSV	148°, 43%, 73%
XYZ	28.5368, 40.1956, 32.6400
YIQ	157.2920, -34.1980, -30.0220

Conversions

Conversions Part 2

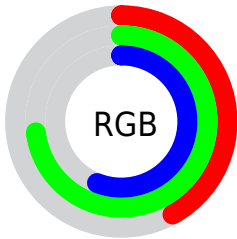
Format	Color
RYB	106, 160, 186
Decimal	6994576
CIELab	69.61, -34.20, 13.75
CIELCh	70, 36.858, 158.098
Yxy	40.1956, 0.2815, 0.3965
Android (android.graphics.Color)	4285184656 (0xFF6ABA90)
YUV	157.2920, -6.5530, -44.9831
Hunter-Lab	63.4000, -30.6059, 13.8559

Details

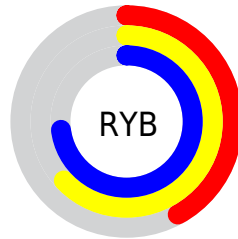
The XYZ color **28.5368, 40.1956, 32.6400** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **30.7504, 22.8862, 30.8153**, and the grayscale version is **32.2198, 33.8978, 36.9147**.

A 20% lighter version of the original color is **56.9416, 75.7555, 65.0472**, and **11.6878, 18.0407, 13.4559** is the 20% darker color. If you saturate the color by 10%, you get **25.8473, 38.8927, 28.7854**, and if you desaturate by 10%, it is **31.7725, 41.7747, 36.8589**.

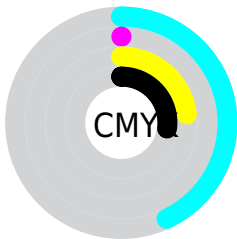
Distribution



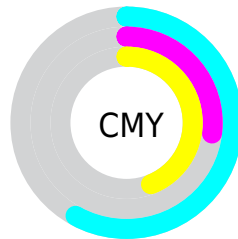
- Red (42%)
- Green (73%)
- Blue (56%)



- Red (42%)
- Yellow (63%)
- Blue (73%)



- Cyan (43%)
- Magenta (0%)
- Yellow (23%)
- Black (27%)





- Cyan (58%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5368, 40.1956, 32.6400 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 28.5368, 40.1956, 32.6400 by changing the saturation by 10% instead.

 28.5368, 40.1956,
32.6400


 28.5368, 40.1956,
32.6400


287.0569,
346.9473, 328.6065


 18.8732, 27.6911,
21.5820


 56.7430, 75.4613,
64.9226


 11.6822, 18.0929,
13.3547


 76.0163, 98.9912,
86.9842

 6.5983, 11.0167,
7.5396


 99.2236, 126.9651,
113.5508

 3.2563, 6.0781,
3.7183

 126.7302,
159.7673, 145.0408

 1.2907, 2.8926,
1.4721

158.9015,
197.7822, 181.8729

 0.1762, 1.0759,
0.1970

196.1028,

 0.0000, 0.0000,

241.3943, 224.4655

0.0000

238.6995,
290.9878, 273.2372

■ 28.5368, 40.1956,
32.6400

■ 28.5368, 40.1956,
32.6400

■ 25.8473, 38.8927,
28.7854

■ 31.7725, 41.7747,
36.8589

■ 23.6677, 37.8444,
25.2825

■ 35.5811, 43.6405,
41.4491

■ 21.9625, 37.0335,
22.1215


■ 39.9916, 45.8087,
46.4206


■ 20.6897, 36.4387,
19.2913

■ 45.0299, 48.2926,
51.7824


■ 19.7991, 36.0343,
16.7799


■ 50.7203, 51.1045,
57.5429

 19.3356, 35.8297,
15.2053

 57.0860, 54.2562,
63.7104

 64.1487, 57.7588,
70.2930

 71.9294, 61.6229,
77.2985

 73.3496, 62.1993,
84.4021

Harmonies

Analogous

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



31.5675, 40.1956, 22.7027



28.5368, 40.1956, 32.6400



27.9546, 40.1956, 48.5492

Triad

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



28.5368, 40.1956, 32.6400



39.8402, 40.1956, 84.9119



47.9406, 40.1956, 26.4932

Complementary

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



28.5368, 40.1956, 32.6400



30.7504, 22.8862, 30.8153

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.



50.6965, 40.1956, 39.3081



28.5368, 40.1956, 32.6400



45.7126, 40.1956, 74.9702

Square

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



28.5368, 40.1956, 32.6400



34.0915, 40.1956, 81.7788



49.8414, 40.1956, 57.1707



42.6362, 40.1956, 19.8496

Rectangle

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



28.5368, 40.1956, 32.6400



28.9695, 40.1956, 61.0955



49.8414, 40.1956, 57.1707



49.2196, 40.1956, 30.0691

Sweetspot

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



28.5379, 40.1972, 32.6409



72.3097, 82.9417, 83.9456



32.4954, 42.5184, 20.1304



15.5124, 18.0627, 18.0326



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.



28.5379, 40.1972, 32.6409



46.9141, 70.5245, 52.2734



32.0861, 41.6165, 51.3254



9.0632, 10.1292, 10.4901



13.0452, 24.1190, 10.4260



0.4912, 0.8628, 0.5324

Inverse Universe

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



30.7504, 22.8862, 30.8153



51.4681, 34.8716, 48.4999



28.1473, 21.8450, 17.1076



9.1963, 9.0889, 10.3809



15.1337, 7.6272, 8.5907



0.5645, 0.2813, 0.4663

Previews

White Background



This preview shows how the XYZ color 28.5368, 40.1956, 32.6400 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 28.5368, 40.1956, 32.6400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

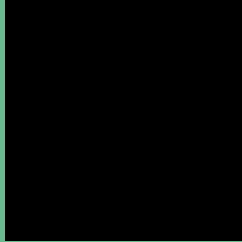
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.5368, 40.1956, 32.6400

Background



This preview shows how black text looks on a background with the XYZ color 28.5368, 40.1956, 32.6400.



This preview shows how white text looks on a background with the XYZ color 28.5368, 40.1956,

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

28.5368, 40.1956, 32.6400

Protanopia

37.4543, 39.8568, 29.0116

Deuteranopia

40.5143, 39.7018, 33.9616



Tritanopia

33.3289, 39.9868, 57.0005

Trichromacy



Original Color

28.5368, 40.1956, 32.6400

Protanomaly

33.1270, 39.2963, 30.2651

Deuteranomaly

34.5273, 38.8095, 33.2750

Tritanomaly

31.5039, 40.1679, 47.1670

Monochromacy



Original Color

28.5368, 40.1956, 32.6400

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.1514, 35.6755, 35.0027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5368, 40.1956, 32.6400 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(106, 186, 144)` looks like.

```
.text, #text, p{  
    color:rgb(106, 186, 144)  
}
```

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(106, 186, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 186, 144) }
```

Border

The CSS property to change the border of an element to XYZ 28.5368, 40.1956, 32.6400 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(106, 186, 144) }
```


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

```
.border{ border-color:rgb(106, 186, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 186, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 186, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 186, 144);  
box-shadow:4px 4px 4px 4px rgb(106, 186,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5368, 40.1956, 32.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 186, 144) }
```

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

```
.background{ background-color: rgb(106,  
186, 144) }
```

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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