

Converting Colors

XYZ(31.0432, 34.7446, 39.9972)

Have a look what the booklet for
XYZ(31.0432, 34.7446, 39.9972)
contains.

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Color

**XYZ(30.9534, 34.6255,
40.1739)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA3A4
RGB	142, 163, 164
RGB Percent	56%, 64%, 64%
CMY	0.4431, 0.3608, 0.3569
CMYK	0.13, 0.01, 0.00, 0.36
HSL	183°, 11%, 60%
HSV	183°, 13%, 64%
XYZ	30.9534, 34.6255, 40.1739
YIQ	156.8350, -12.8370, -4.1410

Conversions

Conversions Part 2

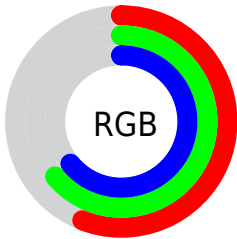
Format	Color
RYB	142, 153, 164
Decimal	9348004
CIELab	65.46, -7.10, -3.01
CIElCh	65, 7.712, 202.936
Yxy	34.6255, 0.2927, 0.3274
Android (android.graphics.Color)	4287538084 (0xFF8EA3A4)
YUV	156.8350, 3.5323, -13.0103
Hunter-Lab	58.8434, -9.0797, 0.7116

Details

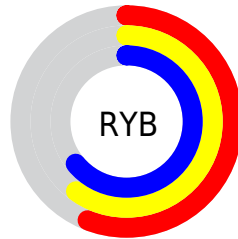
The XYZ color **30.9534, 34.6255, 40.1739** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0151, 29.4905, 29.7022**, and the grayscale version is **31.9632, 33.6278, 36.6207**.

A 20% lighter version of the original color is **60.6225, 66.9930, 76.7536**, and **12.9235, 14.7629, 17.4976** is the 20% darker color. If you saturate the color by 10%, you get **28.2126, 33.0181, 40.0086**, and if you desaturate by 10%, it is **34.1110, 36.4508, 40.3603**.

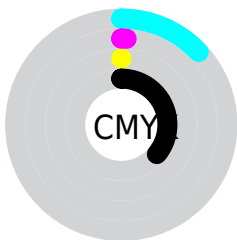
Distribution



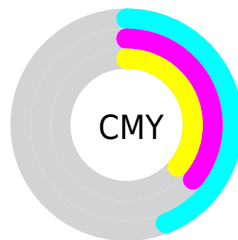
- Red (56%)
- Green (64%)
- Blue (64%)



- Red (56%)
- Yellow (60%)
- Blue (64%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (36%)



- Cyan (44%)
- Magenta (36%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9534, 34.6255, 40.1739 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 30.9534, 34.6255, 40.1739 by changing the saturation by 10% instead.

■ 30.9534, 34.6255,
40.1739

■ 30.9534, 34.6255,
40.1739

298.1543,
322.9122, 362.4299

■ 20.7150, 23.3745,
27.3593

■ 60.5430, 66.9052,
76.6682

■ 13.0271, 14.8703,
17.6085

■ 80.6250, 88.7027,
101.1851

■ 7.5244, 8.7284,
10.5027

■ 104.7189,
114.7846, 130.4398

■ 3.8414, 4.5645,
5.6236

133.1900,
145.5351, 164.8509

■ 1.6128, 1.9941,
2.5525

166.4038,
181.3387, 204.8369

■ 0.4007, 0.6040,
0.8678

204.7255,

■ 0.0000, 0.0000,

222.5799, 250.8163

0.0000

248.5206,
269.6429, 303.2078

■ 30.9534, 34.6255,
40.1739

■ 30.9534, 34.6255,
40.1739

■ 28.2126, 33.0181,
40.0086

■ 34.1110, 36.4508,
40.3603

■ 25.8677, 31.6149,
39.8614

■ 37.6992, 38.4984,
40.5665

■ 23.9002, 30.4074,
39.7320

■ 41.7352, 40.7780,
40.7937

■ 22.2892, 29.3849,
39.6196

■ 46.2340, 43.2973,
41.0429

■ 21.0117, 28.5354,
39.5229

■ 51.2100, 46.0638,
41.3146

■ 20.0420, 27.8458,
39.4409

■ 56.6771, 49.0846,
41.6095

■ 19.3506, 27.3008,
39.3722

■ 61.9823, 52.0231,
41.8971

■ 18.9024, 26.8823,
39.3150

■ 62.1202, 52.2989,
41.9431

■ 18.6843, 26.6470,
39.2811

■ 62.2589, 52.5763,
41.9893

Harmonies

Analogous

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



30.8048, 34.6255, 36.9426



30.9534, 34.6255, 40.1739



31.6207, 34.6255, 42.8778

Triad

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



30.9534, 34.6255, 40.1739



34.6715, 34.6255, 41.5699



33.1779, 34.6255, 31.8673

Complementary

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



30.9534, 34.6255, 40.1739



30.0151, 29.4905, 29.7022

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.



34.2350, 34.6255, 32.9592



30.9534, 34.6255, 40.1739



35.1100, 34.6255, 38.4702

Square

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



30.9534, 34.6255, 40.1739



33.7629, 34.6255, 43.7153



34.9484, 34.6255, 35.3323



32.0726, 34.6255, 32.2658

Rectangle

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



30.9534, 34.6255, 40.1739



32.2782, 34.6255, 43.9560



34.9484, 34.6255, 35.3323



33.5510, 34.6255, 32.0700

Sweetspot

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



30.9544, 34.6269, 40.1747



61.5136, 65.9322, 73.2364



29.3692, 34.2774, 30.9498



13.3526, 14.3592, 16.0054



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.9544, 34.6269, 40.1747



54.6741, 61.9704, 72.8322



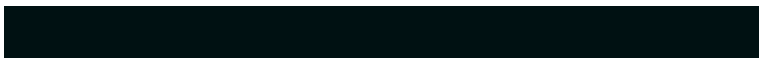
29.1284, 30.9750, 39.5660



7.2485, 7.9559, 9.0567



14.3356, 20.4506, 30.1216



0.3090, 0.4453, 0.6355

Inverse Universe

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



31.5945, 29.8837, 38.7549



56.0620, 51.7258, 69.7446



31.7046, 32.8694, 30.2654



7.3504, 7.1966, 8.8315



16.3814, 7.9086, 24.9969



0.3482, 0.1678, 0.5460

Previews

White Background



This preview shows how the XYZ color 30.9534, 34.6255, 40.1739 looks on a white background.

Color Contrast Check

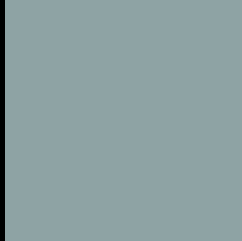
Large Text (above 18pt) WCAG AA × Fail

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 30.9534, 34.6255, 40.1739 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

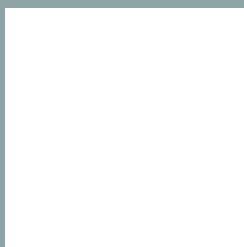
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9534, 34.6255, 40.1739

Background



This preview shows how black text looks on a background with the XYZ color 30.9534, 34.6255, 40.1739.

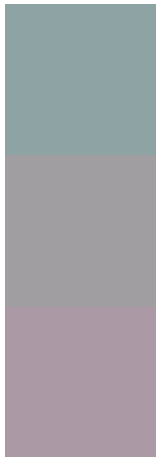


This preview shows how white text looks on a background with the XYZ color 30.9534, 34.6255,

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

30.9534, 34.6255, 40.1739

Protanopia

33.3578, 34.6040, 38.6393

Deuteranopia

35.2331, 34.5223, 40.8829



Tritanopia

31.8865, 34.4750, 45.0181

Trichromacy



Original Color

30.9534, 34.6255, 40.1739

Protanomaly

32.4188, 34.6203, 39.1561

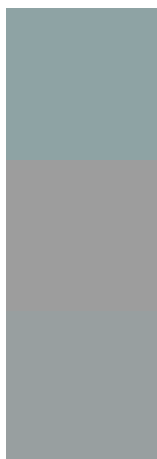
Deuteranomaly

33.3457, 34.3041, 40.4612

Tritanomaly

31.5037, 34.5826, 43.0449

Monochromacy



Original Color

30.9534, 34.6255, 40.1739

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.6922, 34.0097, 38.1519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9534, 34.6255, 40.1739 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(142, 163, 164)` looks like.

```
.text, #text, p{  
    color:rgb(142, 163, 164)  
}
```

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(142, 163, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 163, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.9534, 34.6255, 40.1739 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(142, 163, 164) }
```


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

```
.border{ border-color:rgb(142, 163, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 163, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 163, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 163, 164);  
box-shadow:4px 4px 4px 4px rgb(142, 163,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9534, 34.6255, 40.1739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 163, 164) }
```

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

```
.background{ background-color: rgb(142,  
163, 164) }
```

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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