

Converting Colors

XYZ(34.6215, 36.4608, 40.4027)

Have a look what the booklet for
XYZ(34.6215, 36.4608, 40.4027)
contains.

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Color

**XYZ(34.6983, 36.5561,
40.3492)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A3A4
RGB	162, 163, 164
RGB Percent	64%, 64%, 64%
CMY	0.3647, 0.3608, 0.3569
CMYK	0.01, 0.01, 0.00, 0.36
HSL	210°, 1%, 64%
HSV	210°, 1%, 64%
XYZ	34.6983, 36.5561, 40.3492
YIQ	162.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

Format	Color
RYB	162, 163, 164
Decimal	10658724
CIELab	66.94, -0.16, -0.65
CIElCh	67, 0.671, 256.030
Yxy	36.5561, 0.3109, 0.3276
Android (android.graphics.Color)	4288848804 (0xFFA2A3A4)
YUV	162.8150, 0.5842, -0.7148
Hunter-Lab	60.4616, -3.3686, 2.7558

Details

The XYZ color **34.6983, 36.5561, 40.3492** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9286, 36.6950, 39.4248**, and the grayscale version is **34.7240, 36.5324, 39.7837**.

A 20% lighter version of the original color is **66.4729, 70.0090, 77.0274**, and **15.0395, 15.8537, 17.5966** is the 20% darker color. If you saturate the color by 10%, you get **30.1769, 32.1403, 39.7357**, and if you desaturate by 10%, it is **39.7502, 41.3868, 41.0159**.

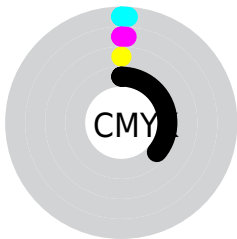
Distribution



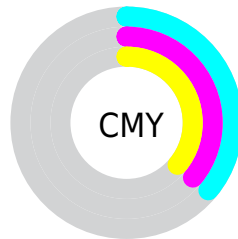
- Red (64%)
- Green (64%)
- Blue (64%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6983, 36.5561, 40.3492 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 34.6983, 36.5561, 40.3492 by changing the saturation by 10% instead.

■ 34.6983, 36.5561,
40.3492

■ 34.6983, 36.5561,
40.3492

314.7660,
331.3847, 363.1890

■ 23.5960, 24.8640,
27.4951

■ 66.3552, 69.8895,
76.9379

■ 15.1573, 15.9757,
17.7097

■ 87.6406, 92.2996,
101.5095

■ 9.0169, 9.5070,
10.5745

113.0509,
119.0512, 130.8240

■ 4.8094, 5.0733,
5.6709

142.9517,
150.5286, 165.2999

■ 2.1695, 2.2904,
2.5805

177.7083,
187.1163, 205.3559

■ 0.7266, 0.7686,
0.8824

217.6859,

■ 0.0000, 0.0000,

229.1986, 251.4103

0.0000

263.2501,
277.1599, 303.8818

■ 34.6983, 36.5561,
40.3492

■ 34.6983, 36.5561,
40.3492

■ 30.1769, 32.1403,
39.7357

■ 39.7502, 41.3868,
41.0159

■ 26.1644, 28.1225,
39.1717

■ 45.3469, 46.6393,
41.7348

■ 22.6422, 24.4916,
38.6565

■ 51.5062, 52.3260,
42.5078

■ 19.5896, 21.2340,
38.1886

■ 58.2438, 58.4578,
43.3362

■ 16.9839, 18.3352,
37.7664

■ 65.5752, 65.0448,
44.2212

■ 14.8007, 15.7797,
37.3882

■ 71.4997, 71.0579,
45.0696

■ 13.0129, 13.5504,
37.0521

■ 73.5965, 75.2514,
45.7685

■ 11.5899, 11.6283,
36.7561

■ 75.7982, 79.6549,
46.5025

■ 10.4956, 9.9916,
36.4979

■ 78.1064, 84.2714,
47.2719

Harmonies

Analogous

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



34.6099, 36.5561, 40.2077



34.6983, 36.5561, 40.3492



34.7995, 36.5561, 40.3439

Triad

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



34.6983, 36.5561, 40.3492



34.9337, 36.5561, 39.6490



34.6050, 36.5561, 39.4159

Complementary

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



34.6983, 36.5561, 40.3492



34.9286, 36.6950, 39.4248

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.



34.6915, 36.5561, 39.2677



34.6983, 36.5561, 40.3492



34.8814, 36.5561, 39.4018

Square

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



34.6983, 36.5561, 40.3492



34.9355, 36.5561, 39.9387



34.7927, 36.5561, 39.2625



34.5561, 36.5561, 39.6684

Rectangle

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



34.6983, 36.5561, 40.3492



34.8606, 36.5561, 40.2579



34.7927, 36.5561, 39.2625



34.6306, 36.5561, 39.3523

Sweetspot

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



34.6993, 36.5577, 40.3500



64.0503, 67.3860, 73.3833



34.7841, 36.8760, 39.9196



14.0027, 14.7319, 16.0430



78.6606, 82.7571, 90.1225

Same Dimension

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



34.6993, 36.5577, 40.3500



63.1588, 66.5259, 73.2643



34.5278, 36.2146, 40.2928



7.8395, 8.2565, 9.0836



7.5130, 6.8053, 27.8474



0.2051, 0.2375, 0.6009

Inverse Universe

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



34.8418, 36.3781, 39.8375



63.3750, 66.2530, 72.4866



35.1015, 37.0407, 39.4824



7.8639, 8.2257, 8.9959



12.9377, 6.5311, 6.8624



0.2957, 0.1468, 0.2698

Previews

White Background



This preview shows how the XYZ color 34.6983, 36.5561, 40.3492 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 34.6983, 36.5561, 40.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

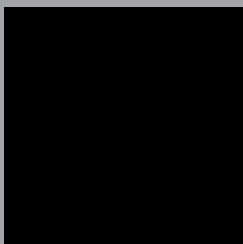
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

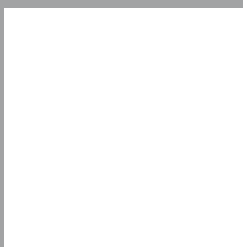
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6983, 36.5561, 40.3492

Background



This preview shows how black text looks on a background with the XYZ color 34.6983, 36.5561, 40.3492.

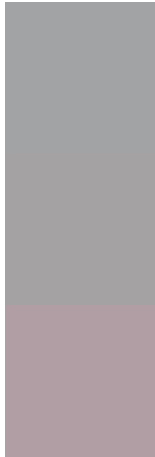


This preview shows how white text looks on a background with the XYZ color 34.6983, 36.5561,

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

34.6983, 36.5561, 40.3492

Protanopia

35.0482, 36.4843, 39.8453

Deuteranopia

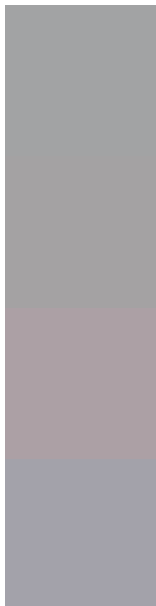
37.1499, 36.5174, 40.6879



Tritanopia

35.6947, 36.4382, 45.1964

Trichromacy



Original Color

34.6983, 36.5561, 40.3492

Protanomaly

34.8410, 36.3775, 39.8356

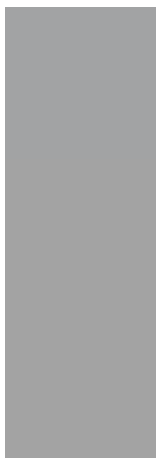
Deuteranomaly

36.3756, 36.6289, 40.7502

Tritanomaly

35.2803, 36.5295, 43.2216

Monochromacy



Original Color

34.6983, 36.5561, 40.3492

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8123, 36.6253, 39.8849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6983, 36.5561, 40.3492 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(162, 163, 164)` looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 163, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 163, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.6983, 36.5561, 40.3492 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(162, 163, 164) }
```

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

```
.border{ border-color:rgb(162, 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(162, 163, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 163, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 163, 164);  
box-shadow:4px 4px 4px 4px rgb(162, 163,  
164) }
```


Background

The CSS property to change the background color of an element to XYZ 34.6983, 36.5561, 40.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 163, 164) }
```

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

```
.background{ background-color: rgb(162,  
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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