

Converting Colors

XYZ(33.5009, 36.3905, 40.1625)

Have a look what the booklet for
XYZ(33.5009, 36.3905, 40.1625)
contains.

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Color

**XYZ(33.6735, 36.5592,
40.4038)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA5A4
RGB	155, 165, 164
RGB Percent	61%, 65%, 64%
CMY	0.3922, 0.3529, 0.3569
CMYK	0.06, 0.00, 0.01, 0.35
HSL	174°, 5%, 63%
HSV	174°, 6%, 65%
XYZ	33.6735, 36.5592, 40.4038
YIQ	161.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

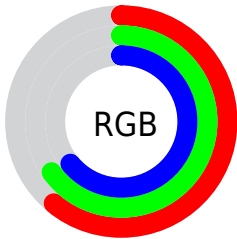
Format	Color
R_{YB}	155, 160, 165
Decimal	10200484
CIE _{Lab}	66.95, -3.73, -0.71
CIE _{LCh}	67, 3.793, 190.812
Yxy	36.5592, 0.3044, 0.3304
Android (android.graphics.Color)	4288390564 (0xFF9BA5A4)
YUV	161.8960, 1.0373, -6.0478
Hunter-Lab	60.4642, -6.4028, 2.7058

Details

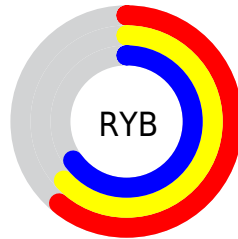
The XYZ color **33.6735, 36.5592, 40.4038** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2404, 33.8432, 36.2346**, and the grayscale version is **34.2920, 36.0779, 39.2888**.

A 20% lighter version of the original color is **64.6739, 69.8562, 77.0927**, and **14.5387, 15.9232, 17.6364** is the 20% darker color. If you saturate the color by 10%, you get **30.5726, 34.9788, 39.4846**, and if you desaturate by 10%, it is **37.2112, 38.3666, 41.3551**.

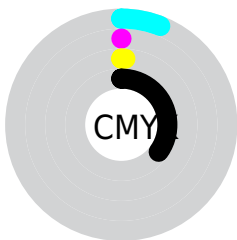
Distribution



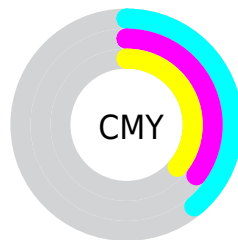
- Red (61%)
- Green (65%)
- Blue (64%)



- Red (61%)
- Yellow (63%)
- Blue (65%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (35%)



- Cyan (39%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6735, 36.5592, 40.4038 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 33.6735, 36.5592, 40.4038 by changing the saturation by 10% instead.

■ 33.6735, 36.5592,
40.4038

■ 33.6735, 36.5592,
40.4038

310.2853,
331.3981, 363.4252

■ 22.8046, 24.8664,
27.5373

■ 64.7733, 69.8943,
77.0218

■ 14.5692, 15.9775,
17.7412

■ 85.7349, 92.3054,
101.6105

■ 8.6019, 9.5083,
10.5968

110.7914,
119.0580, 130.9436

■ 4.5375, 5.0742,
5.6857

140.3082,
150.5366, 165.4397

■ 2.0105, 2.2908,
2.5892

174.6506,
187.1255, 205.5174

■ 0.6398, 0.7689,
0.8869

214.1840,

■ 0.0000, 0.0000,

229.2091, 251.5952

0.0000

259.2738,
277.1719, 304.0916

■ 33.6735, 36.5592,
40.4038

■ 33.6735, 36.5592,
40.4038

■ 30.5726, 34.9788,
39.4846

■ 37.2112, 38.3666,
41.3551

■ 27.8879, 33.6117,
38.5941

■ 41.1990, 40.4048,
42.3370

■ 25.6018, 32.4499,
37.7325

■ 45.6536, 42.6834,
43.3509

■ 23.6943, 31.4830,
36.8985

■ 50.5897, 45.2100,
44.3976

■ 22.1436, 30.6999,
36.0913

■ 56.0217, 47.9920,
45.4778

■ 20.9257, 30.0880,
35.3096

■ 61.9629, 51.0363,
46.5921

■ 20.0136, 29.6337,
34.5521

■ 62.4909, 51.2897,
47.4635

■ 19.3762, 29.3207,
33.8173

■ 62.6551, 51.3554,
48.3283

■ 18.9710, 29.1272,
33.1033

■ 62.8214, 51.4219,
49.2036

Harmonies

Analogous

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



33.7145, 36.5592, 38.7749



33.6735, 36.5592, 40.4038



33.9182, 36.5592, 41.9127

Triad

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



33.6735, 36.5592, 40.4038



35.4762, 36.5592, 42.2522



35.1131, 36.5592, 36.8900

Complementary

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



33.6735, 36.5592, 40.4038



33.2404, 33.8432, 36.2346

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.



35.5921, 36.5592, 37.7725



33.6735, 36.5592, 40.4038



35.8033, 36.5592, 40.8568

Square

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



33.6735, 36.5592, 40.4038



34.9563, 36.5592, 42.9993



35.8460, 36.5592, 39.2156



34.5414, 36.5592, 36.7763

Rectangle

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



33.6735, 36.5592, 40.4038



34.2119, 36.5592, 42.6361



35.8460, 36.5592, 39.2156



35.2905, 36.5592, 37.1054

Sweetspot

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



33.6745, 36.5608, 40.4046



62.7599, 66.7271, 73.0366



33.1151, 36.3630, 36.2841



13.7367, 14.5961, 15.9716



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.



33.6745, 36.5608, 40.4046



59.6769, 65.1535, 72.1798



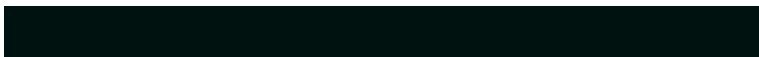
33.0841, 35.2344, 40.6564



7.3777, 8.0665, 8.9420



14.2607, 21.9906, 24.8869



0.3079, 0.4654, 0.5662

Inverse Universe

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



33.2404, 33.8432, 36.2346



58.7693, 59.4713, 63.4608



33.8042, 35.1061, 36.0052



7.2610, 7.3359, 7.8210



11.8220, 6.0849, 0.9875



0.2565, 0.1311, 0.0632

Previews

White Background



This preview shows how the XYZ color 33.6735, 36.5592, 40.4038 looks on a white background.

Color Contrast Check

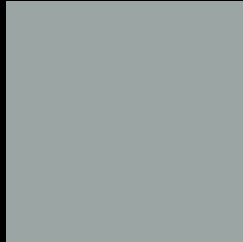
Large Text (above 18pt) WCAG AA × Fail

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 33.6735, 36.5592, 40.4038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

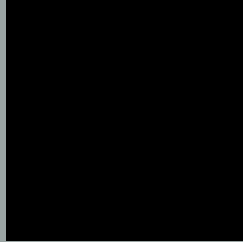
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

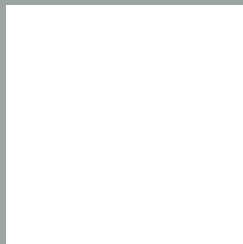
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.6735, 36.5592, 40.4038

Background



This preview shows how black text looks on a background with the XYZ color 33.6735, 36.5592, 40.4038.



This preview shows how white text looks on a background with the XYZ color 33.6735, 36.5592,

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

33.6735, 36.5592, 40.4038

Protanopia

35.1678, 36.5563, 39.3849

Deuteranopia

37.1499, 36.5174, 40.6879



Tritanopia

34.8383, 36.4971, 46.2828

Trichromacy



Original Color

33.6735, 36.5592, 40.4038

Protanomaly

34.6083, 36.5201, 39.8754

Deuteranomaly

35.8986, 36.6414, 40.7777

Tritanomaly

34.4322, 36.5974, 44.2790

Monochromacy



Original Color

33.6735, 36.5592, 40.4038

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.0061, 36.2097, 39.8472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6735, 36.5592, 40.4038 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(155, 165, 164)` looks like.

```
.text, #text, p{  
    color:rgb(155, 165, 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(155, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 165, 164) }
```

Border

The CSS property to change the border of an element to XYZ 33.6735, 36.5592, 40.4038 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(155, 165, 164) }
```


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

```
.border{ border-color:rgb(155, 165, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 165, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(155, 165,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6735, 36.5592, 40.4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 165, 164) }
```

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

```
.background{ background-color: rgb(155,  
165, 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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