

Converting Colors

XYZ(33.6370, 35.4755, 40.6719)

Have a look what the booklet for
XYZ(33.6370, 35.4755, 40.6719)
contains.

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Color

**XYZ(33.6370, 35.4755,
40.6719)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA1A5
RGB	158, 161, 165
RGB Percent	62%, 63%, 65%
CMY	0.3804, 0.3686, 0.3529
CMYK	0.04, 0.02, 0.00, 0.35
HSL	214°, 4%, 63%
HSV	214°, 4%, 65%
XYZ	33.6370, 35.4755, 40.6719
YIQ	160.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

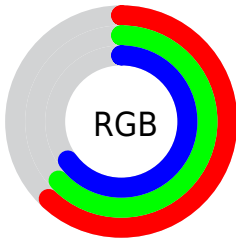
Format	Color
R_{YB}	158, 160, 165
Decimal	10396069
CIE Lab	66.12, -0.29, -2.46
CIE LCh	66, 2.472, 263.379
Yxy	35.4755, 0.3064, 0.3231
Android (android.graphics.Color)	4288586149 (0xFF9EA1A5)
YUV	160.5590, 2.1894, -2.2442
Hunter-Lab	59.5613, -3.4252, 1.2063

Details

The XYZ color **33.6370, 35.4755, 40.6719** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6090, 36.3083, 37.5325**, and the grayscale version is **33.6639, 35.4170, 38.5691**.

A 20% lighter version of the original color is **64.9147, 68.4252, 77.4962**, and **14.6200, 15.4699, 17.8382** is the 20% darker color. If you saturate the color by 10%, you get **29.0220, 30.7443, 40.0025**, and if you desaturate by 10%, it is **38.8139, 40.6826, 41.4047**.

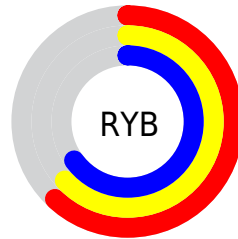
Distribution



Red (62%)

Green (63%)

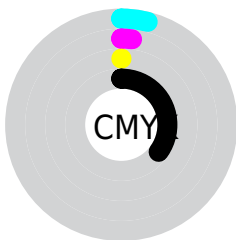
Blue (65%)



Red (62%)

Yellow (63%)

Blue (65%)

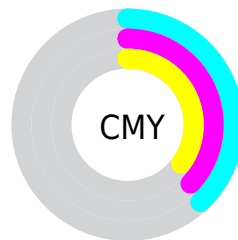


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (38%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6370, 35.4755, 40.6719 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 33.6370, 35.4755, 40.6719 by changing the saturation by 10% instead.

■ 33.6370, 35.4755,
40.6719

■ 33.6370, 35.4755,
40.6719

310.1249,
326.6622, 364.5834

■ 22.7764, 24.0294,
27.7450

■ 64.7168, 68.2217,
77.4338

■ 14.5483, 15.3554,
17.8962

■ 85.6668, 90.2907,
102.1060

■ 8.5872, 9.0692,
10.7068

110.7106,
116.6693, 131.5303

■ 4.5279, 4.7864,
5.7584

140.2136,
147.7421, 166.1253

■ 2.0049, 2.1225,
2.6323

174.5412,
183.8933, 206.3096

■ 0.6367, 0.6772,
0.9091

214.0587,

■ 0.0000, 0.0000,

225.5075, 252.5017

0.0000

259.1315,
272.9690, 305.1201

■ 33.6370, 35.4755,
40.6719

■ 33.6370, 35.4755,
40.6719

■ 29.0220, 30.7443,
40.0025

■ 38.8139, 40.6826,
41.4047

■ 24.9460, 26.4701,
39.3923

■ 44.5686, 46.3747,
42.2000

■ 21.3886, 22.6394,
38.8404

■ 50.9201, 52.5664,
43.0604

■ 18.3274, 19.2361,
38.3448

■ 57.8856, 59.2702,
43.9872

■ 15.7378, 16.2431,
37.9036

■ 65.4816, 66.4982,
44.9820

■ 13.5930, 13.6419,
37.5146

■ 72.9835, 73.8803,
46.0115

■ 11.8635, 11.4124,
37.1754

■ 75.4900, 78.8933,
46.8470

■ 10.5156, 9.5321,
36.8835

■ 78.1375, 84.1884,
47.7295

■ 9.5090, 7.9748,
36.6360

■ 80.9282, 89.7699,
48.6598

Harmonies

Analogous

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



33.2987, 35.4755, 40.2738



33.6370, 35.4755, 40.6719



33.9996, 35.4755, 40.5141

Triad

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



33.6370, 35.4755, 40.6719



34.3711, 35.4755, 37.8294



33.1545, 35.4755, 37.4322

Complementary

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



33.6370, 35.4755, 40.6719



34.6090, 36.3083, 37.5325

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.



33.4388, 35.4755, 36.7990



33.6370, 35.4755, 40.6719



34.1416, 35.4755, 37.0253

Square

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



33.6370, 35.4755, 40.6719



34.4251, 35.4755, 38.8606



33.7999, 35.4755, 36.6514



33.0214, 35.4755, 38.3940

Rectangle

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



33.6370, 35.4755, 40.6719



34.2060, 35.4755, 40.1163



33.7999, 35.4755, 36.6514



33.2354, 35.4755, 37.1746

Sweetspot

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



33.6380, 35.4770, 40.6727



63.1197, 66.4478, 73.2513



34.0749, 36.7874, 39.4722



13.8109, 14.5386, 16.0158



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.



33.6380, 35.4770, 40.6727



59.5018, 62.7834, 72.7347



33.2115, 34.4875, 40.5042



7.3264, 7.7324, 9.0094



6.8795, 5.5384, 27.6362



0.1911, 0.2094, 0.5962

Inverse Universe

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



34.1778, 35.0270, 38.6796



60.6573, 61.8281, 68.4658



35.0474, 37.3288, 37.7064



7.4824, 7.6040, 8.4332



12.6179, 6.4032, 5.1785



0.2886, 0.1439, 0.2324

Previews

White Background



This preview shows how the XYZ color 33.6370, 35.4755, 40.6719 looks on a white background.

Color Contrast Check

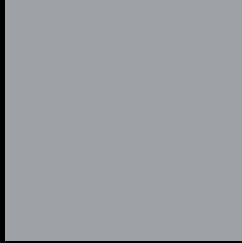
Large Text (above 18pt) WCAG AA × Fail

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 33.6370, 35.4755, 40.6719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

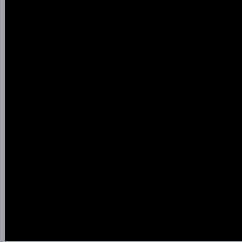
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.6370, 35.4755, 40.6719

Background



This preview shows how black text looks on a background with the XYZ color 33.6370, 35.4755, 40.6719.



This preview shows how white text looks on a background with the XYZ color 33.6370, 35.4755,

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

33.6370, 35.4755, 40.6719

Protanopia

34.1719, 35.5033, 40.1737

Deuteranopia

36.2270, 35.5288, 41.0248



Tritanopia

34.3153, 35.4911, 44.0716

Trichromacy



Original Color

33.6370, 35.4755, 40.6719

Protanomaly

33.9696, 35.3990, 40.1643

Deuteranomaly

35.2582, 35.5317, 41.0764

Tritanomaly

34.0303, 35.3771, 42.5710

Monochromacy



Original Color

33.6370, 35.4755, 40.6719

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.7637, 35.5720, 39.2690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6370, 35.4755, 40.6719 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(158, 161, 165)` looks like.

```
.text, #text, p{  
    color:rgb(158, 161, 165)  
}
```

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(158, 161, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 161, 165) }
```

Border

The CSS property to change the border of an element to XYZ 33.6370, 35.4755, 40.6719 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(158, 161, 165) }
```


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

```
.border{ border-color:rgb(158, 161, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 161, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 161, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 161, 165);  
box-shadow:4px 4px 4px 4px rgb(158, 161,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6370, 35.4755, 40.6719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 161, 165) }
```

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

```
.background{ background-color: rgb(158,  
161, 165) }
```

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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