

Converting Colors

XYZ(33.5990, 34.0575, 41.9895)

Have a look what the booklet for
XYZ(33.5990, 34.0575, 41.9895)
contains.

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Color

**XYZ(33.6543, 34.1812,
41.8696)**

Conversions

Conversions Part 1

Format	Color
Hex	A19CA8
RGB	161, 156, 168
RGB Percent	63%, 61%, 66%
CMY	0.3686, 0.3882, 0.3412
CMYK	0.04, 0.07, 0.00, 0.34
HSL	265°, 6%, 64%
HSV	265°, 7%, 66%
XYZ	33.6543, 34.1812, 41.8696
YIQ	158.8630, -0.8720, 4.7920

Conversions

Conversions Part 2

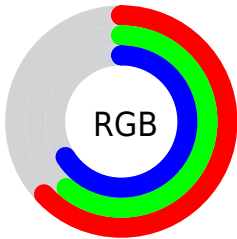
Format	Color
RYB	161, 156, 168
Decimal	10591400
CIELab	65.11, 4.13, -5.60
CIELCh	65, 6.960, 306.436
Yxy	34.1812, 0.3068, 0.3116
Android (android.graphics.Color)	4288781480 (0xFFA19CA8)
YUV	158.8630, 4.5045, 1.8741
Hunter-Lab	58.4647, 0.4376, -1.5354

Details

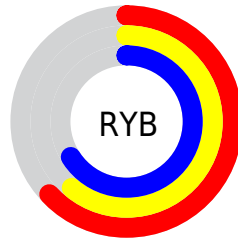
The XYZ color **33.6543, 34.1812, 41.8696** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1089, 38.1930, 36.9758**, and the grayscale version is **32.8733, 34.5853, 37.6634**.

A 20% lighter version of the original color is **64.6848, 66.0198, 79.1459**, and **14.5106, 14.6153, 18.5792** is the 20% darker color. If you saturate the color by 10%, you get **29.1296, 27.9499, 40.9058**, and if you desaturate by 10%, it is **38.7258, 41.2751, 42.9721**.

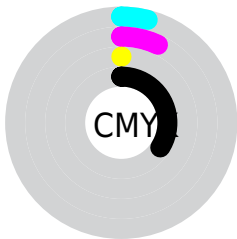
Distribution



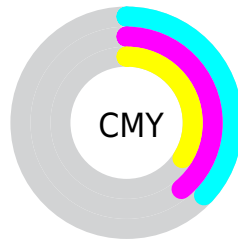
- Red (63%)
- Green (61%)
- Blue (66%)



- Red (63%)
- Yellow (61%)
- Blue (66%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (34%)



- Cyan (37%)
- Magenta (39%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6543, 34.1812, 41.8696 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 33.6543, 34.1812, 41.8696 by changing the saturation by 10% instead.

■ 33.6543, 34.1812,
41.8696

■ 33.6543, 34.1812,
41.8696

310.2009,
320.9393, 369.7258

■ 22.7898, 23.0328,
28.6744

■ 64.7436, 66.2154,
79.2702

■ 14.5582, 14.6178,
18.5912

■ 85.6991, 87.8699,
104.3127

■ 8.5942, 8.5516,
11.2014

110.7489,
113.7954, 134.1413

■ 4.5324, 4.4499,
6.0866

140.2584,
144.3761, 169.1746

■ 2.0075, 1.9283,
2.8282

174.5931,
179.9964, 209.8312

■ 0.6382, 0.5653,
1.0076

214.1181,

■ 0.0000, 0.0000,

221.0408, 256.5296

0.0000

259.1990,
267.8936, 309.6882

■ 33.6543, 34.1812,
41.8696

■ 33.6543, 34.1812,
41.8696

■ 29.1296, 27.9499,
40.9058

■ 38.7258, 41.2751,
42.9721

■ 25.1293, 22.5432,
40.0731

■ 44.3595, 49.2590,
44.2162

■ 21.6337, 17.9267,
39.3662

■ 50.5740, 58.1645,
45.6076

■ 18.6207, 14.0617,
38.7790

■ 57.3858, 68.0201,
47.1509

■ 16.0664, 10.9065,
38.3046

■ 64.8112, 78.8534,
48.8506

13.9447, 8.4147,
37.9355

72.2870, 89.5339,
50.5181

12.2263, 6.5346,
37.6632

75.3382, 91.1068,
50.6609

10.8780, 5.2061,
37.4778

78.5662, 92.7709,
50.8120

9.8512, 4.3394,
37.3646

81.9737, 94.5276,
50.9714

Harmonies

Analogous

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



32.7062, 34.1812, 43.0171



33.6543, 34.1812, 41.8696



34.2994, 34.1812, 39.4835

Triad

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



33.6543, 34.1812, 41.8696



33.2701, 34.1812, 32.3528



30.5980, 34.1812, 37.8439

Complementary

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



33.6543, 34.1812, 41.8696



35.1089, 38.1930, 36.9758

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.



30.7419, 34.1812, 35.0399



33.6543, 34.1812, 41.8696



32.2712, 34.1812, 31.9642

Square

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



33.6543, 34.1812, 41.8696



34.0744, 34.1812, 34.0137



31.3494, 34.1812, 32.9235



30.9520, 34.1812, 40.6165

Rectangle

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



33.6543, 34.1812, 41.8696



34.4635, 34.1812, 37.5640



31.3494, 34.1812, 32.9235



30.5898, 34.1812, 36.8732

Sweetspot

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



33.6553, 34.1827, 41.8703



65.6426, 68.3994, 76.9678



33.9122, 36.1618, 42.2388



14.3304, 14.9405, 16.7807



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.6553, 34.1827, 41.8703



59.3307, 59.6153, 75.6049



34.8515, 34.7993, 41.9263



7.4168, 7.4475, 9.4649



7.2994, 3.1464, 28.1981



0.2362, 0.1068, 0.6888

Inverse Universe

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



34.6490, 34.7477, 39.5329



61.6247, 60.9202, 70.1906



33.9483, 37.5947, 36.9215



7.7077, 7.6130, 8.7781



13.8862, 6.9632, 9.4785



0.3625, 0.1793, 0.3602

Previews

White Background



This preview shows how the XYZ color 33.6543, 34.1812, 41.8696 looks on a white background.

Color Contrast Check

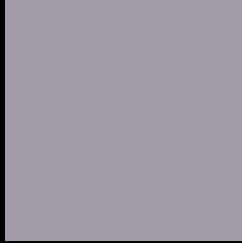
Large Text (above 18pt) WCAG AA × Fail

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 33.6543, 34.1812, 41.8696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

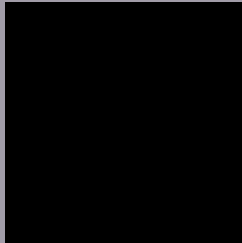
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.6543, 34.1812, 41.8696

Background



This preview shows how black text looks on a background with the XYZ color 33.6543, 34.1812, 41.8696.



This preview shows how white text looks on a background with the XYZ color 33.6543, 34.1812,

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

33.6543, 34.1812, 41.8696

Protanopia

33.3190, 34.2476, 42.3905

Deuteranopia

34.9149, 34.0821, 42.2744



Tritanopia

33.6543, 34.1812, 41.8696

Trichromacy



Original Color

33.6543, 34.1812, 41.8696

Protanomaly

33.5165, 34.3494, 42.3997

Deuteranomaly

34.4429, 34.0828, 42.2994

Tritanomaly

33.6543, 34.1812, 41.8696

Monochromacy



Original Color

33.6543, 34.1812, 41.8696

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.2457, 34.5359, 39.0963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6543, 34.1812, 41.8696 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(161, 156, 168)` looks like.

```
.text, #text, p{  
    color:rgb(161, 156, 168)  
}
```

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(161, 156, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 156, 168) }
```

Border

The CSS property to change the border of an element to XYZ 33.6543, 34.1812, 41.8696 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(161, 156, 168) }
```


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

```
.border{ border-color:rgb(161, 156, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 156, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 156, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 156, 168);  
box-shadow:4px 4px 4px 4px rgb(161, 156,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6543, 34.1812, 41.8696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 156, 168) }
```

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

```
.background{ background-color: rgb(161,  
156, 168) }
```

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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