

Converting Colors

XYZ(34.0669, 36.8225, 41.8333)

Have a look what the booklet for
XYZ(34.0669, 36.8225, 41.8333)
contains.

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Color

**XYZ(33.9478, 36.6688,
41.8478)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA5A7
RGB	155, 165, 167
RGB Percent	61%, 65%, 65%
CMY	0.3921, 0.3529, 0.3451
CMYK	0.07, 0.01, 0.00, 0.35
HSL	190°, 6%, 63%
HSV	190°, 7%, 65%
XYZ	33.9478, 36.6688, 41.8478
YIQ	162.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

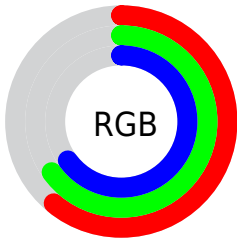
Format	Color
R_{YB}	155, 160, 167
Decimal	10200487
CIE _{Lab}	67.03, -3.12, -2.26
CIE _{LCh}	67, 3.856, 215.892
Yxy	36.6688, 0.3019, 0.3260
Android (android.graphics.Color)	4288390567 (0xFF9BA5A7)
YUV	162.2380, 2.3477, -6.3477
Hunter-Lab	60.5548, -5.9014, 1.4146

Details

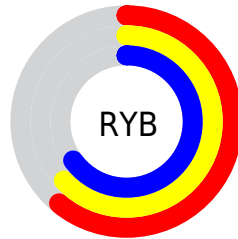
The XYZ color **33.9478, 36.6688, 41.8478** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9100, 34.6960, 35.9209**, and the grayscale version is **34.4466, 36.2405, 39.4659**.

A 20% lighter version of the original color is **65.0725, 70.0156, 79.1919**, and **14.7086, 15.9911, 18.5310** is the 20% darker color. If you saturate the color by 10%, you get **30.4661, 34.1385, 41.5435**, and if you desaturate by 10%, it is **37.8858, 39.4525, 42.1781**.

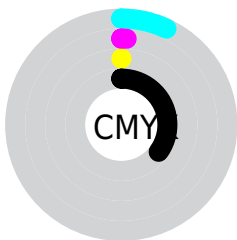
Distribution



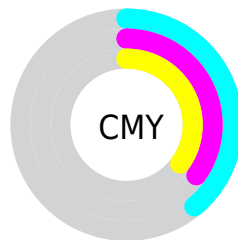
- Red (61%)
- Green (65%)
- Blue (65%)



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



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9478, 36.6688, 41.8478 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 33.9478, 36.6688, 41.8478 by changing the saturation by 10% instead.

■ 33.9478, 36.6688,
41.8478

■ 33.9478, 36.6688,
41.8478

311.4892,
331.8744, 369.6327

■ 23.0162, 24.9512,
28.6575

■ 65.1973, 70.0631,
79.2368

■ 14.7262, 16.0407,
18.5785

■ 86.2459, 92.5086,
104.2726

■ 8.7125, 9.5529,
11.1924

111.3976,
119.2987, 134.0939

■ 4.6098, 5.1036,
6.0806

141.0177,
150.8180, 169.1193

■ 2.0525, 2.3082,
2.8246

175.4716,
187.4509, 209.7673

■ 0.6632, 0.7780,
1.0058

215.1245,

■ 0.0000, 0.0000,

229.5816, 256.4566

0.0000

260.3420,
277.5946, 309.6055

■ 33.9478, 36.6688,
41.8478

■ 33.9478, 36.6688,
41.8478

■ 30.4661, 34.1385,
41.5435

■ 37.8858, 39.4525,
42.1781

■ 27.4193, 31.8475,
41.2619

■ 42.2941, 42.4940,
42.5328

■ 24.7893, 29.7873,
41.0028

■ 47.1899, 45.8031,
42.9135

■ 22.5549, 27.9470,
40.7654

■ 52.5886, 49.3881,
43.3209

■ 20.6937, 26.3148,
40.5484

■ 58.5051, 53.2564,
43.7558

■ 19.1803, 24.8776,
40.3508

■ 64.8787, 57.3772,
44.2152

■ 17.9866, 23.6207,
40.1711

■ 65.4525, 58.5248,
44.4065

■ 17.0796, 22.5272,
40.0078

■ 66.0377, 59.6951,
44.6016

■ 16.4093, 21.5710,
39.8586

■ 66.6343, 60.8883,
44.8004

Harmonies

Analogous

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



33.7438, 36.6688, 40.2582



33.9478, 36.6688, 41.8478



34.3944, 36.6688, 42.9444

Triad

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



33.9478, 36.6688, 41.8478



35.8911, 36.6688, 41.2586



34.7371, 36.6688, 36.8017

Complementary

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



33.9478, 36.6688, 41.8478



33.9100, 34.6960, 35.9209

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.



35.3148, 36.6688, 37.0527



33.9478, 36.6688, 41.8478



35.9854, 36.6688, 39.5958

Square

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



33.9478, 36.6688, 41.8478



35.5173, 36.6688, 42.5976



35.7733, 36.6688, 38.0641



34.1962, 36.6688, 37.3687

Rectangle

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



33.9478, 36.6688, 41.8478



34.7719, 36.6688, 43.2317



35.7733, 36.6688, 38.0641



34.9334, 36.6688, 36.7934

Sweetspot

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



33.9489, 36.6703, 41.8486



64.3262, 68.1818, 75.2453



33.4057, 37.0342, 37.1972



14.4130, 15.2705, 16.8400



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.



33.9489, 36.6703, 41.8486



59.5022, 64.7414, 74.8355



32.9259, 34.6245, 41.5076



7.6397, 8.3163, 9.6209



12.4548, 16.3697, 30.4787



0.3304, 0.4530, 0.7507

Inverse Universe

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



34.4501, 34.3757, 40.4184



60.6365, 59.5858, 71.5909



34.9151, 36.7062, 36.2559



7.7875, 7.6449, 9.1981



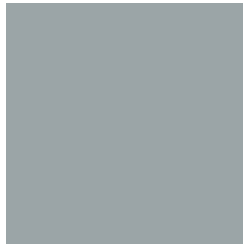
15.7872, 7.7236, 19.4887



0.3979, 0.1934, 0.5468

Previews

White Background



This preview shows how the XYZ color 33.9478, 36.6688, 41.8478 looks on a white background.

Color Contrast Check

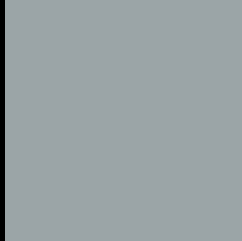
Large Text (above 18pt) WCAG AA × Fail

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 33.9478, 36.6688, 41.8478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

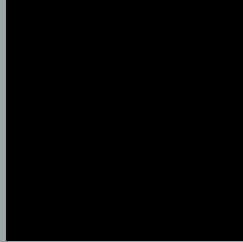
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

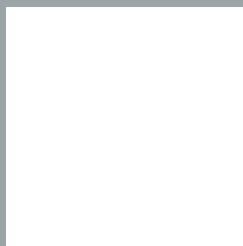
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.9478, 36.6688, 41.8478

Background



This preview shows how black text looks on a background with the XYZ color 33.9478, 36.6688, 41.8478.



This preview shows how white text looks on a background with the XYZ color 33.9478, 36.6688,

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

33.9478, 36.6688, 41.8478

Protanopia

35.2289, 36.5566, 40.7967

Deuteranopia

37.1992, 36.5110, 42.1325



Tritanopia

35.0166, 36.8536, 46.3422

Trichromacy



Original Color

33.9478, 36.6688, 41.8478

Protanomaly

34.6781, 36.5246, 41.2986

Deuteranomaly

35.9612, 36.6417, 42.2230

Tritanomaly

34.5286, 36.6360, 44.7868

Monochromacy



Original Color

33.9478, 36.6688, 41.8478

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.0961, 36.2456, 40.3210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9478, 36.6688, 41.8478 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(155, 165, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 165, 167) }
```

Border

The CSS property to change the border of an element to XYZ 33.9478, 36.6688, 41.8478 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, 167) }
```


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

```
.border{ border-color:rgb(155, 165, 167) }
```

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, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 165, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 165, 167);  
box-shadow:4px 4px 4px 4px rgb(155, 165,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9478, 36.6688, 41.8478 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, 167) }
```

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

```
.background{ background-color: rgb(155,  
165, 167) }
```

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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