

Converting Colors

XYZ(33.9001, 36.3350, 44.5081)

Have a look what the booklet for
XYZ(33.9001, 36.3350, 44.5081)
contains.

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Color

**XYZ(33.9552, 36.3404,
44.7599)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 99A4AD |
| RGB | 153, 164, 173 |
| RGB Percent | 60%, 64%, 68% |
| CMY | 0.4000, 0.3568, 0.3216 |
| CMYK | 0.12, 0.05, 0.00, 0.32 |
| HSL | 207°, 11%, 64% |
| HSV | 207°, 12%, 68% |
| XYZ | 33.9552, 36.3404, 44.7599 |
| YIQ | 161.7370, -9.4450, 0.4670 |

Conversions

Conversions Part 2

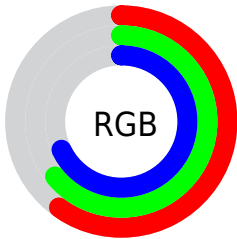
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 153, 160, 173 |
| Decimal | 10069165 |
| CIELab | 66.78, -2.03, -5.99 |
| CIElCh | 67, 6.321, 251.298 |
| Yxy | 36.3404, 0.2951, 0.3159 |
| Android (android.graphics.Color) | 4288259245 (0xFF99A4AD) |
| YUV | 161.7370, 5.5527, -7.6623 |
| Hunter-Lab | 60.2830, -4.9528, -1.8245 |

Details

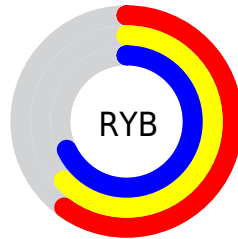
The XYZ color **33.9552, 36.3404, 44.7599** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9039, 37.0246, 35.3919**, and the grayscale version is **34.1986, 35.9796, 39.1817**.

A 20% lighter version of the original color is **65.0672, 69.5299, 83.3900**, and **14.7249, 15.7936, 20.3615** is the 20% darker color. If you saturate the color by 10%, you get **29.5734, 32.0776, 44.1686**, and if you desaturate by 10%, it is **38.8978, 41.0208, 45.4034**.

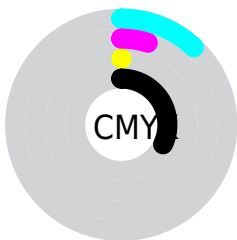
Distribution



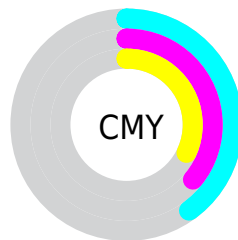
- Red (60%)
- Green (64%)
- Blue (68%)



- Red (60%)
- Yellow (63%)
- Blue (68%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9552, 36.3404, 44.7599 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 33.9552, 36.3404, 44.7599 by changing the saturation by 10% instead.

■ 33.9552, 36.3404,
44.7599

■ 33.9552, 36.3404,
44.7599

311.5217,
330.4459, 381.9320

■ 23.0219, 24.6972,
30.9268

■ 65.2087, 69.5571,
83.6746

■ 14.7305, 15.8516,
20.2851

■ 86.2597, 91.8995,
109.5933

■ 8.7155, 9.4192,
12.4163

111.4140,
118.5770, 140.3776

■ 4.6117, 5.0156,
6.9019

141.0368,
149.9741, 176.4460

■ 2.0537, 2.2564,
3.3233

175.4937,
186.4751, 218.2172

■ 0.6639, 0.7505,
1.2620

215.1499,

■ 0.0000, 0.0000,

228.4645, 266.1095

0.0303

260.3707,
276.3266, 320.5416

■ 0.0000, 0.0000,
0.0000

■ 33.9552, 36.3404,
44.7599

■ 33.9552, 36.3404,
44.7599

■ 29.5734, 32.0776,
44.1686

■ 38.8978, 41.0208,
45.4034

■ 25.7275, 28.2143,
43.6256

■ 44.4186, 46.1271,
46.0980

■ 22.3952, 24.7379,
43.1302

■ 50.5380, 51.6728,
46.8459

■ 19.5513, 21.6329,
42.6808

■ 57.2746, 57.6697,
47.6484

■ 17.1685, 18.8827,
42.2755

■ 64.6461, 64.1288,
48.5066

■ 15.2163, 16.4692,
41.9126

■ 72.0031, 70.7175,
49.3906

■ 13.6601, 14.3719,
41.5898

■ 73.9801, 74.6716,
50.0496

■ 12.4594, 12.5672,
41.3047

■ 76.0521, 78.8154,
50.7402

■ 11.6506, 11.2325,
41.0897

■ 78.2201, 83.1515,
51.4629

Harmonies

Analogous

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



33.1796, 36.3404, 43.1405



33.9552, 36.3404, 44.7599



34.9013, 36.3404, 44.9509

Triad

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



33.9552, 36.3404, 44.7599



36.3720, 36.3404, 38.5475



33.3431, 36.3404, 35.7488

Complementary

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



33.9552, 36.3404, 44.7599



35.9039, 37.0246, 35.3919

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.



34.1821, 36.3404, 34.6339



33.9552, 36.3404, 44.7599



35.9380, 36.3404, 36.1994

Square

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



33.9552, 36.3404, 44.7599



36.3085, 36.3404, 41.2783



35.1324, 36.3404, 34.7949



32.8307, 36.3404, 37.9066

Rectangle

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



33.9552, 36.3404, 44.7599



35.5029, 36.3404, 44.2328



35.1324, 36.3404, 34.7949



33.5956, 36.3404, 35.2442

Sweetspot

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



33.9563, 36.3419, 44.7607



68.2778, 72.1671, 81.1368



34.5731, 39.2569, 39.7831



14.6806, 15.5354, 17.6126



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



33.9563, 36.3419, 44.7607



58.6096, 62.9639, 79.8700



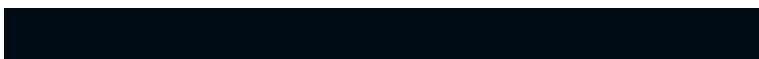
32.2911, 33.0116, 44.2057



7.9304, 8.4601, 10.1677



8.6167, 8.3673, 30.2054



0.2933, 0.3400, 0.8582

Inverse Universe

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



35.3265, 34.3479, 39.8916



61.5971, 58.7106, 69.2328



37.6731, 40.5631, 35.9816



8.1827, 8.0863, 9.2726



14.2130, 7.1477, 8.7668



0.4225, 0.2097, 0.3864

Previews

White Background



This preview shows how the XYZ color 33.9552, 36.3404, 44.7599 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 33.9552, 36.3404, 44.7599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

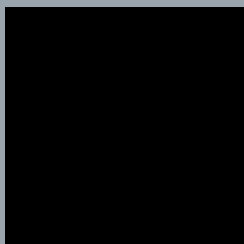
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

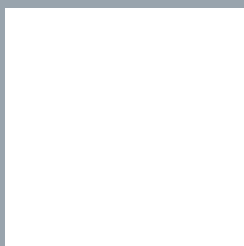
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.9552, 36.3404, 44.7599

Background



This preview shows how black text looks on a background with the XYZ color 33.9552, 36.3404, 44.7599.



This preview shows how white text looks on a background with the XYZ color 33.9552, 36.3404,

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

33.9552, 36.3404, 44.7599

Protanopia

35.1998, 36.2165, 43.6633

Deuteranopia

37.1004, 36.3939, 45.1137



Tritanopia

34.2601, 36.1990, 46.2557

Trichromacy



Original Color

33.9552, 36.3404, 44.7599

Protanomaly

34.6648, 36.1901, 44.1881

Deuteranomaly

35.9367, 36.3046, 45.1578

Tritanomaly

34.1615, 36.1596, 45.7364

Monochromacy



Original Color

33.9552, 36.3404, 44.7599

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.2782, 36.3185, 41.2799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9552, 36.3404, 44.7599 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(153, 164, 173)` looks like.

```
.text, #text, p{  
    color:rgb(153, 164, 173)  
}
```

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(153, 164, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 164, 173) }
```

Border

The CSS property to change the border of an element to XYZ 33.9552, 36.3404, 44.7599 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(153, 164, 173) }
```


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

```
.border{ border-color:rgb(153, 164, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 164, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 164, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 164, 173);  
box-shadow:4px 4px 4px 4px rgb(153, 164,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9552, 36.3404, 44.7599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 164, 173) }
```

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

```
.background{ background-color: rgb(153,  
164, 173) }
```

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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