

Converting Colors

XYZ(33.5516, 33.2317, 44.3844)

Have a look what the booklet for
XYZ(33.5516, 33.2317, 44.3844)
contains.

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Color

**XYZ(33.6320, 33.3767,
44.2049)**

Conversions

Conversions Part 1

Format	Color
Hex	A199AD
RGB	161, 153, 173
RGB Percent	63%, 60%, 68%
CMY	0.3686, 0.4000, 0.3216
CMYK	0.07, 0.12, 0.00, 0.32
HSL	264°, 11%, 64%
HSV	264°, 12%, 68%
XYZ	33.6320, 33.3767, 44.2049
YIQ	157.6720, -1.6520, 7.9160

Conversions

Conversions Part 2

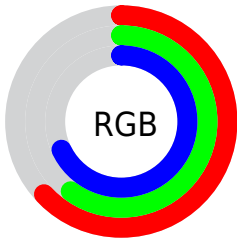
Format	Color
R_{YB}	161, 153, 173
Decimal	10590637
CIE Lab	64.46, 6.82, -9.36
CIE LCh	64, 11.581, 306.077
Yxy	33.3767, 0.3024, 0.3001
Android (android.graphics.Color)	4288780717 (0xFFA199AD)
YUV	157.6720, 7.5567, 2.9187
Hunter-Lab	57.7726, 2.8108, -4.9252

Details

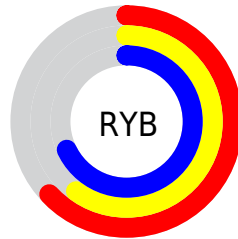
The XYZ color **33.6320, 33.3767, 44.2049** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2117, 40.1873, 35.9871**, and the grayscale version is **32.3192, 34.0023, 37.0285**.

A 20% lighter version of the original color is **64.6353, 64.8260, 82.5048**, and **14.5092, 14.1344, 20.0527** is the 20% darker color. If you saturate the color by 10%, you get **28.9975, 27.0852, 43.2353**, and if you desaturate by 10%, it is **38.8528, 40.5817, 45.3210**.

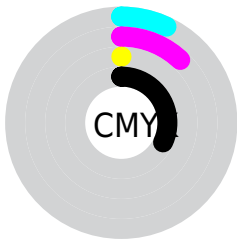
Distribution



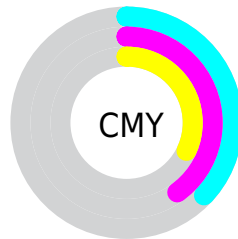
- Red (63%)
- Green (60%)
- Blue (68%)



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



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (32%)



- Cyan (37%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6320, 33.3767, 44.2049 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 33.6320, 33.3767, 44.2049 by changing the saturation by 10% instead.

■ 33.6320, 33.3767,
44.2049

■ 33.6320, 33.3767,
44.2049

310.1029,
317.3438, 379.6096

■ 22.7726, 22.4152,
30.4932

■ 64.7091, 64.9632,
82.8317

■ 14.5454, 14.1623,
19.9581

■ 85.6575, 86.3570,
108.5840

■ 8.5852, 8.2336,
12.1808

110.6996,
111.9970, 139.1869

■ 4.5266, 4.2448,
6.7429

140.2007,
142.2675, 175.0589

■ 2.0041, 1.8114,
3.2258

174.5262,
177.5531, 216.6187

■ 0.6363, 0.4943,
1.2111

214.0415,

■ 0.0000, 0.0000,

218.2381, 264.2847

0.0000

259.1120,
264.7068, 318.4755

■ 33.6320, 33.3767,
44.2049

■ 33.6320, 33.3767,
44.2049

■ 28.9975, 27.0852,
43.2353

■ 38.8528, 40.5817,
45.3210

■ 24.9245, 21.6655,
42.4039

■ 44.6774, 48.7311,
46.5869

■ 21.3907, 17.0792,
41.7049

■ 51.1264, 57.8594,
48.0090

■ 18.3712, 13.2831,
41.1313

■ 58.2184, 67.9985,
49.5922

■ 15.8390, 10.2299,
40.6754

■ 65.9712, 79.1783,
51.3416

13.7641, 7.8674,
40.3288

73.8236, 90.2711,
53.0688

12.1128, 6.1359,
40.0816

77.1266, 91.9739,
53.2234

10.8460, 4.9653,
39.9224

80.6292, 93.7796,
53.3873

10.0105, 4.2892,
39.8360

84.3347, 95.6898,
53.5607

Harmonies

Analogous

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



32.0612, 33.3767, 46.1638



33.6320, 33.3767, 44.2049



34.7180, 33.3767, 40.1585

Triad

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



33.6320, 33.3767, 44.2049



33.0297, 33.3767, 28.6408



28.6673, 33.3767, 37.3137

Complementary

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



33.6320, 33.3767, 44.2049



36.2117, 40.1873, 35.9871

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.



28.9064, 33.3767, 32.7745



33.6320, 33.3767, 44.2049



31.3883, 33.3767, 28.0219

Square

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



33.6320, 33.3767, 44.2049



34.3620, 33.3767, 31.2411



29.8887, 33.3767, 29.4708



29.2238, 33.3767, 41.9689

Rectangle

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



33.6320, 33.3767, 44.2049



35.0008, 33.3767, 36.9677



29.8887, 33.3767, 29.4708



28.6575, 33.3767, 35.7225

Sweetspot

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



33.6330, 33.3781, 44.2056



68.1186, 70.6463, 80.8516



34.1962, 36.8213, 44.8405



14.6372, 15.1222, 17.5351



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.



33.6330, 33.3781, 44.2056



57.9036, 56.5936, 78.6776



35.6571, 34.4216, 44.3004



7.8707, 7.9077, 10.0642



7.4150, 3.1825, 29.2680



0.2690, 0.1209, 0.8171

Inverse Universe

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



35.4175, 34.3848, 40.3693



61.7940, 58.7893, 70.2695



34.2762, 39.1895, 35.8965



8.1994, 8.0930, 9.3607



14.5181, 7.2698, 10.3737



0.4299, 0.2127, 0.4258

Previews

White Background



This preview shows how the XYZ color 33.6320, 33.3767, 44.2049 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 33.6320, 33.3767, 44.2049 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 33.6320, 33.3767, 44.2049

Background



This preview shows how black text looks on a background with the XYZ color 33.6320, 33.3767, 44.2049.



This preview shows how white text looks on a background with the XYZ color 33.6320, 33.3767,

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

33.6320, 33.3767, 44.2049

Protanopia

32.6878, 33.3687, 44.7624

Deuteranopia

34.0809, 33.3661, 44.1792



Tritanopia

32.9357, 33.3380, 40.7754

Trichromacy



Original Color

33.6320, 33.3767, 44.2049

Protanomaly

33.1002, 33.3353, 44.7342

Deuteranomaly

33.8753, 33.2601, 44.1696

Tritanomaly

33.2142, 33.4494, 42.2419

Monochromacy



Original Color

33.6320, 33.3767, 44.2049

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.7974, 33.7922, 39.4443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6320, 33.3767, 44.2049 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, 153, 173)` looks like.

```
.text, #text, p{  
    color:rgb(161, 153, 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(161, 153, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 153, 173) }
```

Border

The CSS property to change the border of an element to XYZ 33.6320, 33.3767, 44.2049 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, 153, 173) }
```


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

```
.border{ border-color:rgb(161, 153, 173) }
```

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

Here you see how a box with a 4 pixel rgb(161, 153, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 153, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 153, 173);  
box-shadow:4px 4px 4px 4px rgb(161, 153,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6320, 33.3767, 44.2049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 153, 173) }
```

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

```
.background{ background-color: rgb(161,  
153, 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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