

Converting Colors

XYZ(33.7526, 36.0313, 43.5138)

Have a look what the booklet for
XYZ(33.7526, 36.0313, 43.5138)
contains.

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Color

**XYZ(33.7743, 36.0047,
43.6976)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA3AB
RGB	154, 163, 171
RGB Percent	60%, 64%, 67%
CMY	0.3961, 0.3608, 0.3294
CMYK	0.10, 0.05, 0.00, 0.33
HSL	208°, 9%, 64%
HSV	208°, 10%, 67%
XYZ	33.7743, 36.0047, 43.6976
YIQ	161.2210, -7.9320, 0.5800

Conversions

Conversions Part 2

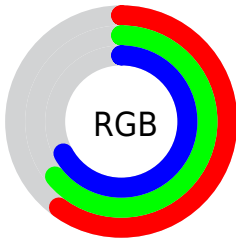
Format	Color
RYB	154, 160, 171
Decimal	10134443
CIELab	66.52, -1.56, -5.24
CIELCh	67, 5.468, 253.469
Yxy	36.0047, 0.2976, 0.3173
Android (android.graphics.Color)	4288324523 (0xFF9AA3AB)
YUV	161.2210, 4.8210, -6.3328
Hunter-Lab	60.0039, -4.5349, -1.1750

Details

The XYZ color **33.7743, 36.0047, 43.6976** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5478, 36.8314, 35.8080**, and the grayscale version is **33.9608, 35.7294, 38.9093**.

A 20% lighter version of the original color is **64.8113, 69.0437, 81.8623**, and **14.6077, 15.5844, 19.6909** is the 20% darker color. If you saturate the color by 10%, you get **29.3657, 31.6795, 43.0957**, and if you desaturate by 10%, it is **38.7395, 40.7537, 44.3531**.

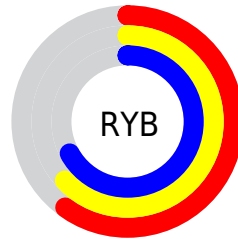
Distribution



Red (60%)

Green (64%)

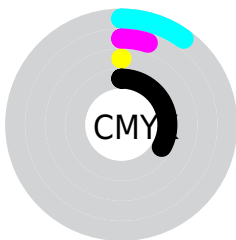
Blue (67%)



Red (60%)

Yellow (63%)

Blue (67%)

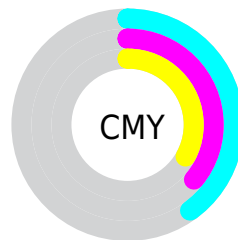


Cyan (10%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (40%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7743, 36.0047, 43.6976 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 33.7743, 36.0047, 43.6976 by changing the saturation by 10% instead.

■ 33.7743, 36.0047,
43.6976

■ 33.7743, 36.0047,
43.6976

310.7281,
328.9811, 377.4780

■ 22.8823, 24.4378,
30.0974

■ 64.9292, 69.0393,
82.0601

■ 14.6269, 15.6587,
19.6598

■ 85.9228, 91.2759,
107.6595

■ 8.6425, 9.2830,
11.9664

111.0143,
117.8377, 138.0958

■ 4.5640, 4.9262,
6.5985

140.5691,
149.1094, 173.7873

■ 2.0259, 2.2040,
3.1377

174.9525,
185.4751, 215.1528

■ 0.6484, 0.7222,
1.1654

214.5299,

■ 0.0000, 0.0000,

227.3194, 262.6107

0.0000

259.6667,
275.0266, 316.5796

■ 33.7743, 36.0047,
43.6976

■ 33.7743, 36.0047,
43.6976

■ 29.3657, 31.6795,
43.0957

■ 38.7395, 40.7537,
44.3531

■ 25.4894, 27.7601,
42.5435

■ 44.2783, 45.9348,
45.0612

■ 22.1239, 24.2339,
42.0402

■ 50.4104, 51.5614,
45.8241

■ 19.2448, 21.0857,
41.5843

■ 57.1541, 57.6453,
46.6430

■ 16.8256, 18.2990,
41.1739

■ 64.5266, 64.1975,
47.5191

■ 14.8370, 15.8560,
40.8072

■ 71.9525, 70.9237,
48.4260

■ 13.2461, 13.7368,
40.4820

■ 74.0047, 75.0282,
49.1101

■ 12.0141, 11.9184,
40.1959

■ 76.1585, 79.3357,
49.8280

■ 11.0593, 10.3554,
39.9446

■ 78.4151, 83.8490,
50.5802

Harmonies

Analogous

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



33.0888, 36.0047, 42.3954



33.7743, 36.0047, 43.6976



34.5903, 36.0047, 43.7648

Triad

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



33.7743, 36.0047, 43.6976



35.7792, 36.0047, 38.1596



33.1471, 36.0047, 36.0134

Complementary

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



33.7743, 36.0047, 43.6976



35.5478, 36.8314, 35.8080

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.



33.8551, 36.0047, 34.9697



33.7743, 36.0047, 43.6976



35.3796, 36.0047, 36.1750

Square

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



33.7743, 36.0047, 43.6976



35.7568, 36.0047, 40.5032



34.6724, 36.0047, 35.0277



32.7306, 36.0047, 37.9310

Rectangle

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



33.7743, 36.0047, 43.6976



35.0991, 36.0047, 43.0955



34.6724, 36.0047, 35.0277



33.3584, 36.0047, 35.5522

Sweetspot

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



33.7753, 36.0062, 43.6984



66.5045, 70.2590, 79.0581



34.4056, 38.6027, 39.7896



14.6707, 15.5154, 17.6092



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.



33.7753, 36.0062, 43.6984



58.6099, 62.6594, 78.0073



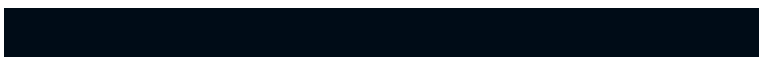
32.3271, 33.1096, 43.2156



7.9168, 8.4329, 10.1632



8.3861, 7.9060, 30.1285



0.2875, 0.3283, 0.8562

Inverse Universe

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



34.9619, 34.4142, 39.4520



61.1935, 59.2580, 68.7461



37.0840, 39.9038, 36.3201



8.1758, 8.0836, 9.2365



14.0965, 7.1012, 8.1538



0.4195, 0.2085, 0.3709

Previews

White Background



This preview shows how the XYZ color 33.7743, 36.0047, 43.6976 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 33.7743, 36.0047, 43.6976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

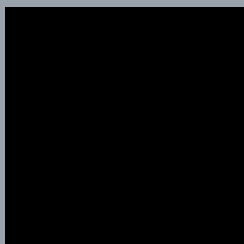
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

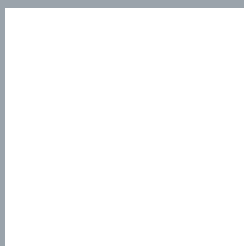
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.7743, 36.0047, 43.6976

Background



This preview shows how black text looks on a background with the XYZ color 33.7743, 36.0047, 43.6976.



This preview shows how white text looks on a background with the XYZ color 33.7743, 36.0047,

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

33.7743, 36.0047, 43.6976

Protanopia

34.9009, 36.0734, 43.1536

Deuteranopia

36.5166, 35.8632, 44.0274



Tritanopia

34.1758, 35.9044, 45.6864

Trichromacy



Original Color

33.7743, 36.0047, 43.6976

Protanomaly

34.4741, 36.1139, 43.1839

Deuteranomaly

35.3616, 35.7742, 44.0711

Tritanomaly

34.0779, 35.8652, 45.1710

Monochromacy



Original Color

33.7743, 36.0047, 43.6976

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.8124, 35.8264, 40.7304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7743, 36.0047, 43.6976 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(154, 163, 171)` looks like.

```
.text, #text, p{  
    color:rgb(154, 163, 171)  
}
```

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(154, 163, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 163, 171) }
```

Border

The CSS property to change the border of an element to XYZ 33.7743, 36.0047, 43.6976 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(154, 163, 171) }
```


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

```
.border{ border-color:rgb(154, 163, 171) }
```

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

Here you see how a box with a 4 pixel rgb(154, 163, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 163, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 163, 171);  
box-shadow:4px 4px 4px 4px rgb(154, 163,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7743, 36.0047, 43.6976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 163, 171) }
```

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

```
.background{ background-color: rgb(154,  
163, 171) }
```

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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