

Converting Colors

XYZ(33.4901, 32.5901, 40.9529)

Have a look what the booklet for
XYZ(33.4901, 32.5901, 40.9529)
contains.

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Color

**XYZ(33.6073, 32.7097,
41.1015)**

Conversions

Conversions Part 1

Format	Color
Hex	A696A7
RGB	166, 150, 167
RGB Percent	65%, 59%, 65%
CMY	0.3490, 0.4117, 0.3451
CMYK	0.01, 0.10, 0.00, 0.35
HSL	296°, 9%, 62%
HSV	296°, 10%, 65%
XYZ	33.6073, 32.7097, 41.1015
YIQ	156.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

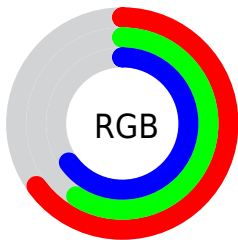
Format	Color
RYB	166, 150, 167
Decimal	10917543
CIELab	63.93, 9.06, -6.74
CIELCh	64, 11.292, 323.349
Yxy	32.7097, 0.3129, 0.3045
Android (android.graphics.Color)	4289107623 (0xFFA696A7)
YUV	156.7220, 5.0671, 8.1368
Hunter-Lab	57.1924, 4.8032, -2.5743

Details

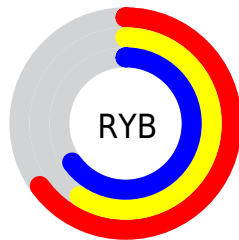
The XYZ color **33.6073, 32.7097, 41.1015** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0874, 36.4196, 34.1943**, and the grayscale version is **31.9004, 33.5617, 36.5487**.

A 20% lighter version of the original color is **64.5965, 63.8318, 78.0234**, and **14.4958, 13.7389, 18.1075** is the 20% darker color. If you saturate the color by 10%, you get **30.9253, 27.6498, 40.2667**, and if you desaturate by 10%, it is **36.6725, 38.5328, 42.0644**.

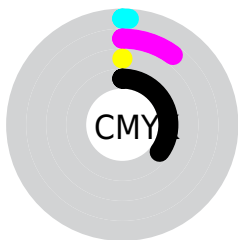
Distribution



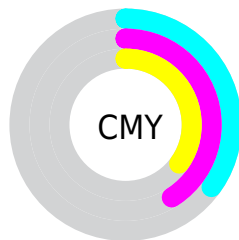
- Red (65%)
- Green (59%)
- Blue (65%)



- Red (65%)
- Yellow (59%)
- Blue (65%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6073, 32.7097, 41.1015 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 33.6073, 32.7097, 41.1015 by changing the saturation by 10% instead.

■ 33.6073, 32.7097,
41.1015

■ 33.6073, 32.7097,
41.1015

309.9943,
314.3396, 366.4338

■ 22.7535, 21.9042,
28.0781

■ 64.6709, 63.9220,
78.0933

■ 14.5313, 13.7865,
18.1450

■ 85.6114, 85.0976,
102.8988

■ 8.5753, 7.9723,
10.8836

110.6449,
110.4986, 132.4687

■ 4.5201, 4.0772,
5.8754

140.1367,
140.5095, 167.2216

■ 2.0004, 1.7169,
2.7019

174.4522,
175.5147, 207.5760

■ 0.6342, 0.4345,
0.9444

213.9567,

■ 0.0000, 0.0000,

215.8985, 253.9505

0.0000

259.0156,
262.0453, 306.7636

■ 33.6073, 32.7097,
41.1015

■ 33.6073, 32.7097,
41.1015

■ 30.9253, 27.6498,
40.2667

■ 36.6725, 38.5328,
42.0644

■ 28.6078, 23.3169,
39.5525

■ 40.1332, 45.1450,
43.1583

■ 26.6385, 19.6782,
38.9540

■ 44.0046, 52.5761,
44.3886

■ 24.9990, 16.6967,
38.4649

■ 48.3000, 60.8532,
45.7598

■ 23.6690, 14.3320,
38.0785

■ 53.0325, 70.0019,
47.2763

■ 22.6262, 12.5392,
37.7875

■ 58.2144, 80.0471,
48.9421

■ 21.8449, 11.2673,
37.5831

■ 59.9415, 83.1802,
49.4558

■ 21.2953, 10.4564,
37.4556

■ 60.1593, 83.2925,
49.4660

■ 20.9147, 9.9762,
37.3829

■ 60.3787, 83.4056,
49.4763

Harmonies

Analogous

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



32.3170, 32.7097, 44.2735



33.6073, 32.7097, 41.1015



34.2260, 32.7097, 36.6390

Triad

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



33.6073, 32.7097, 41.1015



31.4450, 32.7097, 27.6076



28.3665, 32.7097, 39.1992

Complementary

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



33.6073, 32.7097, 41.1015



32.0874, 36.4196, 34.1943

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.



28.1509, 32.7097, 34.6108



33.6073, 32.7097, 41.1015



29.8937, 32.7097, 28.1666

Square

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



33.6073, 32.7097, 41.1015



32.9504, 32.7097, 29.0428



28.7009, 32.7097, 30.6404



29.3002, 32.7097, 43.1114

Rectangle

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



33.6073, 32.7097, 41.1015



34.1599, 32.7097, 33.6319



28.7009, 32.7097, 30.6404



28.2090, 32.7097, 37.6752

Sweetspot

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



33.6083, 32.7111, 41.1022



64.0273, 65.8672, 74.8143



30.6422, 31.4518, 41.0155



14.2290, 14.5513, 16.7109



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.



33.6083, 32.7111, 41.1022



59.1551, 56.6255, 73.2873



33.1568, 32.5548, 37.6270



7.7977, 7.6438, 9.4828



16.0185, 7.6413, 28.6061



0.4023, 0.1924, 0.6966

Inverse Universe

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



32.4297, 32.2640, 33.7980



56.6595, 55.6795, 57.7870



32.5147, 36.5691, 37.4087



7.5483, 7.5492, 7.9388



12.2423, 6.3056, 0.8217



0.3033, 0.1556, 0.0485

Previews

White Background



This preview shows how the XYZ color 33.6073, 32.7097, 41.1015 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 33.6073, 32.7097, 41.1015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

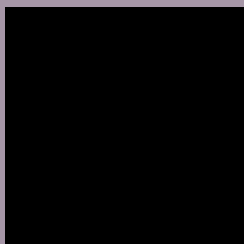
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.6073, 32.7097, 41.1015

Background



This preview shows how black text looks on a background with the XYZ color 33.6073, 32.7097, 41.1015.



This preview shows how white text looks on a background with the XYZ color 33.6073, 32.7097,

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

33.6073, 32.7097, 41.1015

Protanopia

31.8539, 32.7481, 42.1782

Deuteranopia

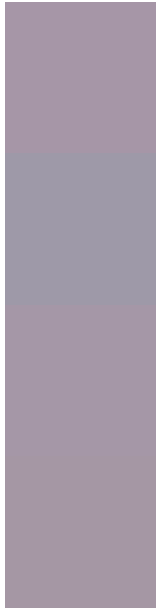
33.5587, 32.9226, 41.1452



Tritanopia

33.1945, 32.7769, 39.2274

Trichromacy



Original Color

33.6073, 32.7097, 41.1015

Protanomaly

32.5597, 32.8787, 41.6759

Deuteranomaly

33.5587, 32.9226, 41.1452

Tritanomaly

33.2845, 32.8129, 39.7012

Monochromacy



Original Color

33.6073, 32.7097, 41.1015

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.4858, 33.1580, 38.4062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6073, 32.7097, 41.1015 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(166, 150, 167)` looks like.

```
.text, #text, p{  
    color:rgb(166, 150, 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(166, 150, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 150, 167) }
```

Border

The CSS property to change the border of an element to XYZ 33.6073, 32.7097, 41.1015 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(166, 150, 167) }
```


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

```
.border{ border-color:rgb(166, 150, 167) }
```

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

Here you see how a box with a 4 pixel rgb(166, 150, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 150, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 150, 167);  
box-shadow:4px 4px 4px 4px rgb(166, 150,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6073, 32.7097, 41.1015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 150, 167) }
```

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

```
.background{ background-color: rgb(166,  
150, 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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