

Converting Colors

XYZ(33.5751, 34.2804, 36.0825)

Have a look what the booklet for
XYZ(33.5751, 34.2804, 36.0825)
contains.

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Color

**XYZ(33.6151, 34.2842,
36.2983)**

Conversions

Conversions Part 1

Format	Color
Hex	A69C9C
RGB	166, 156, 156
RGB Percent	65%, 61%, 61%
CMY	0.3490, 0.3882, 0.3882
CMYK	0.00, 0.06, 0.06, 0.35
HSL	0°, 5%, 63%
HSV	0°, 6%, 65%
XYZ	33.6151, 34.2842, 36.2983
YIQ	158.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

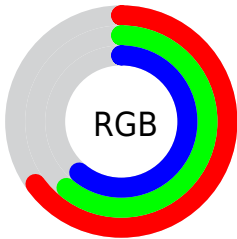
Format	Color
RYB	166, 156, 156
Decimal	10919068
CIELab	65.19, 3.65, 1.30
CIElCh	65, 3.871, 19.644
Yxy	34.2842, 0.3226, 0.3290
Android (android.graphics.Color)	4289109148 (0xFFA69C9C)
YUV	158.9900, -1.4741, 6.1478
Hunter-Lab	58.5527, 0.0096, 4.2315

Details

The XYZ color **33.6151, 34.2842, 36.2983** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2294, 37.0930, 41.4324**, and the grayscale version is **32.9555, 34.6717, 37.7575**.

A 20% lighter version of the original color is **64.4982, 66.1185, 70.3355**, and **14.5408, 14.7005, 15.4357** is the 20% darker color. If you saturate the color by 10%, you get **29.7075, 28.5667, 28.5282**, and if you desaturate by 10%, it is **38.0972, 40.8425, 45.2086**.

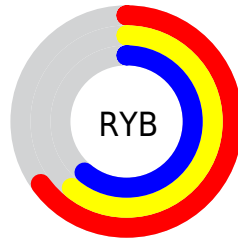
Distribution



Red (65%)

Green (61%)

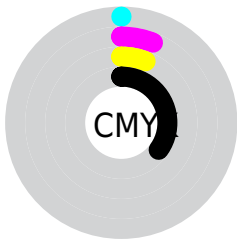
Blue (61%)



Red (65%)

Yellow (61%)

Blue (61%)

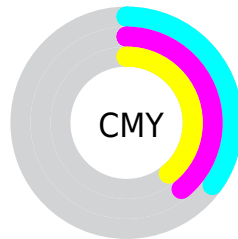


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6151, 34.2842, 36.2983 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 33.6151, 34.2842, 36.2983 by changing the saturation by 10% instead.

■ 33.6151, 34.2842,
36.2983

■ 33.6151, 34.2842,
36.2983

310.0286,
321.3974, 345.3392

■ 22.7596, 23.1120,
24.3732

■ 64.6829, 66.3754,
70.6665

■ 14.5358, 14.6762,
15.3959

■ 85.6259, 88.0632,
93.9465

■ 8.5784, 8.5925,
8.9480

110.6622,
114.0249, 121.8487

■ 4.5221, 4.4763,
4.6109

140.1569,
144.6451, 154.7914

■ 2.0016, 1.9434,
1.9661

174.4756,
180.3080, 193.1933

■ 0.6348, 0.5743,
0.5343

213.9835,

■ 0.0000, 0.0000,

221.3981, 237.4729

0.0000

259.0461,
268.2998, 288.0487

■ 33.6151, 34.2842,
36.2983

■ 33.6151, 34.2842,
36.2983

■ 29.7075, 28.5667,
28.5282

■ 38.0972, 40.8425,
45.2086

■ 26.3486, 23.6518,
21.8502

■ 43.1728, 48.2690,
55.3002

■ 23.5146, 19.5049,
16.2160

■ 48.8634, 56.5953,
66.6147

■ 21.1790, 16.0873,
11.5729

■ 55.1886, 65.8502,
79.1913

■ 19.3130, 13.3568,
7.8636

■ 62.1673, 76.0611,
93.0673

■ 17.8849, 11.2669,
5.0250

■ 69.5361, 86.8471,
107.7060

■ 16.8590, 9.7655,
2.9861

■ 16.1940, 8.7922,
1.6647

■ 15.8344, 8.2658,
0.9504

Harmonies

Analogous

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



33.6614, 34.2842, 37.8891



33.6151, 34.2842, 36.2983



33.2913, 34.2842, 35.0193

Triad

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



33.6151, 34.2842, 36.2983



31.7691, 34.2842, 35.3601



32.3921, 34.2842, 40.4595

Complementary

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



33.6151, 34.2842, 36.2983



34.2294, 37.0930, 41.4324

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.



31.8909, 34.2842, 39.7395



33.6151, 34.2842, 36.2983



31.5340, 34.2842, 36.7757

Square

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



33.6151, 34.2842, 36.2983



32.2240, 34.2842, 34.4885



31.5783, 34.2842, 38.3804



32.9509, 34.2842, 40.3228

Rectangle

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



33.6151, 34.2842, 36.2983



32.9637, 34.2842, 34.5010



31.5783, 34.2842, 38.3804



32.2114, 34.2842, 40.3089

Sweetspot

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



33.6161, 34.2857, 36.2990



64.1248, 66.7832, 72.0729



34.4978, 34.6376, 40.9444



14.3704, 14.9748, 16.1693



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.



33.6161, 34.2857, 36.2990



60.1742, 61.0028, 64.2184



34.4720, 35.9975, 36.5843



7.7073, 7.8002, 8.1982



12.1951, 6.2875, 0.5709



0.2968, 0.1531, 0.0139

Inverse Universe

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



34.2294, 37.0930, 41.4324



61.4822, 66.9892, 75.1650



33.3386, 35.3113, 41.1355



7.8824, 8.6013, 9.6631



15.9051, 23.2703, 31.6288



0.3870, 0.5663, 0.7696

Previews

White Background



This preview shows how the XYZ color 33.6151, 34.2842, 36.2983 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 33.6151, 34.2842, 36.2983 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

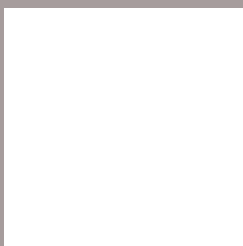
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.6151, 34.2842, 36.2983

Background



This preview shows how black text looks on a background with the XYZ color 33.6151, 34.2842, 36.2983.



This preview shows how white text looks on a background with the XYZ color 33.6151, 34.2842,

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

33.6151, 34.2842, 36.2983

Protanopia

32.8407, 34.1253, 36.7542

Deuteranopia

34.9326, 34.2155, 36.6614



Tritanopia

34.6791, 34.2261, 41.3377

Trichromacy



Original Color

33.6151, 34.2842, 36.2983

Protanomaly

33.2470, 34.3348, 36.7733

Deuteranomaly

34.4360, 34.2035, 36.6852

Tritanomaly

34.2686, 34.3025, 39.4652

Monochromacy



Original Color

33.6151, 34.2842, 36.2983

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.2987, 34.6037, 37.2719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6151, 34.2842, 36.2983 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, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(166, 156, 156)  
}
```

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, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 156, 156) }
```

Border

The CSS property to change the border of an element to XYZ 33.6151, 34.2842, 36.2983 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, 156, 156) }
```


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

```
.border{ border-color:rgb(166, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(166, 156,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6151, 34.2842, 36.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 156, 156) }
```

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

```
.background{ background-color: rgb(166,  
156, 156) }
```

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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