

Converting Colors

XYZ(36.7875, 34.6157, 61.8693)

Have a look what the booklet for
XYZ(36.7875, 34.6157, 61.8693)
contains.

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Color

**XYZ(36.7875, 34.6157,
61.8693)**

Conversions

Conversions Part 1

Format	Color
Hex	A099CC
RGB	160, 153, 204
RGB Percent	63%, 60%, 80%
CMY	0.3725, 0.4000, 0.2000
CMYK	0.22, 0.25, 0.00, 0.20
HSL	248°, 33%, 70%
HSV	248°, 25%, 80%
XYZ	36.7875, 34.6157, 61.8693
YIQ	160.9070, -12.1990, 17.3450

Conversions

Conversions Part 2

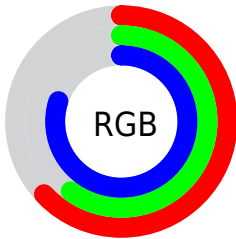
Format	Color
R _Y B	160, 153, 204
Decimal	10525132
CIE Lab	65.45, 13.31, -25.23
CIE LCh	65, 28.523, 297.821
Yxy	34.6157, 0.2760, 0.2597
Android (android.graphics.Color)	4288715212 (0xFFA099CC)
YUV	160.9070, 21.2448, -0.7954
Hunter-Lab	58.8351, 8.6483, -21.1631

Details

The XYZ color **36.7875, 34.6157, 61.8693** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.3697, 57.3568, 38.5547**, and the grayscale version is **33.7426, 35.4998, 38.6593**.

A 20% lighter version of the original color is **68.3872, 66.2927, 103.7991**, and **16.4407, 14.8929, 30.8623** is the 20% darker color. If you saturate the color by 10%, you get **30.4569, 26.8127, 60.6974**, and if you desaturate by 10%, it is **44.1893, 43.8199, 63.2563**.

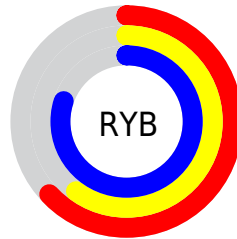
Distribution



Red (63%)

Green (60%)

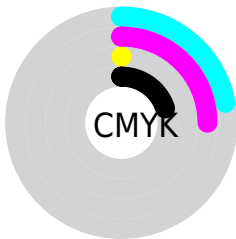
Blue (80%)



Red (63%)

Yellow (60%)

Blue (80%)

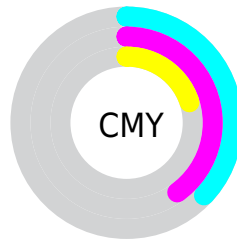


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (20%)



Cyan (37%)

Magenta (40%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7875, 34.6157, 61.8693 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 36.7875, 34.6157, 61.8693 by changing the saturation by 10% instead.

■ 36.7875, 34.6157,
61.8693

■ 36.7875, 34.6157,
61.8693

323.7611,
322.8688, 449.4487

■ 25.2159, 23.3670,
44.4920

■ 69.5618, 66.8900,
109.1064

■ 16.3676, 14.8647,
30.7174

■ 91.4952, 88.6844,
139.8032

■ 9.8771, 8.7245,
20.1271

117.6133,
114.7628, 175.7770

■ 5.3792, 4.5619,
12.3025

148.2814,
145.5096, 217.4462

■ 2.5085, 1.9926,
6.8250

183.8649,
181.3092, 265.2295

■ 0.8995, 0.6032,
3.2761

224.7291,

■ 0.0000, 0.0000,

222.5460, 319.5453

1.2373

271.2394,
269.6044, 380.8122

■ 0.0000, 0.0000,
0.0096

■ 0.0000, 0.0000,
0.0000

■ 36.7875, 34.6157,
61.8693

■ 36.7875, 34.6157,
61.8693

■ 30.4569, 26.8127,
60.6974

■ 44.1893, 43.8199,
63.2563

■ 25.1443, 20.3380,
59.7277

■ 52.7055, 54.4851,
64.8661

■ 20.7969, 15.1182,
58.9493

■ 62.3810, 66.6728,
66.7086

■ 17.3558, 11.0713,
58.3495

■ 73.2572, 80.4397,
68.7926

■ 14.7556, 8.1053,
57.9141

■ 85.3722, 95.8370,
71.1261

■ 12.9217, 6.1144,
57.6264

■ 87.8992, 97.1397,
71.2443

■ 11.7657, 4.9708,
57.4666

■ 11.3780, 4.6065,
57.4167

Harmonies

Analogous

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



32.5972, 34.6157, 65.6133



36.7875, 34.6157, 61.8693



40.1659, 34.6157, 51.2924

Triad

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



36.7875, 34.6157, 61.8693



37.3594, 34.6157, 21.4025



25.5208, 34.6157, 36.8241

Complementary

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



36.7875, 34.6157, 61.8693



50.3697, 57.3568, 38.5547

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.



26.5699, 34.6157, 26.7349



36.7875, 34.6157, 61.8693



33.2070, 34.6157, 19.0838

Square

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



36.7875, 34.6157, 61.8693



40.5152, 34.6157, 27.9560



29.2987, 34.6157, 20.8092



26.3064, 34.6157, 49.4573

Rectangle

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



36.7875, 34.6157, 61.8693



41.3788, 34.6157, 42.7463



29.2987, 34.6157, 20.8092



25.6686, 34.6157, 33.0501

Sweetspot

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



36.7886, 34.6171, 61.8701



84.1770, 86.3305, 106.8346



44.0487, 51.1563, 64.6798



17.8264, 18.2387, 22.8308



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.7886, 34.6171, 61.8701



55.0559, 50.0787, 101.3721



42.3715, 37.4952, 62.1314



10.7426, 10.9166, 14.1113



7.2076, 2.9232, 36.1406



0.4196, 0.1754, 1.8667

Inverse Universe

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



46.3722, 39.6524, 58.0343



73.6655, 59.8623, 93.6598



44.2912, 54.2232, 38.2703



11.6187, 11.3762, 13.7929



20.6317, 10.0633, 26.8430



1.0831, 0.5266, 1.4835

Previews

White Background



This preview shows how the XYZ color 36.7875, 34.6157, 61.8693 looks on a white background.

Color Contrast Check

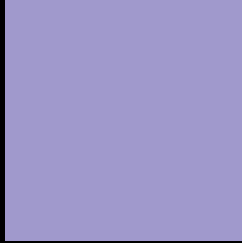
Large Text (above 18pt) WCAG AA × Fail

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 36.7875, 34.6157, 61.8693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

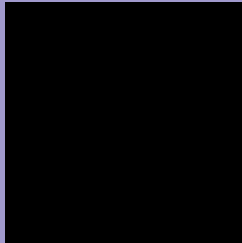
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7875, 34.6157, 61.8693

Background



This preview shows how black text looks on a background with the XYZ color 36.7875, 34.6157, 61.8693.



This preview shows how white text looks on a background with the XYZ color 36.7875, 34.6157,

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

36.7875, 34.6157, 61.8693

Protanopia

35.1735, 34.7299, 63.8812

Deuteranopia

35.4305, 34.6680, 61.3241



Tritanopia

33.1710, 34.6449, 43.9686

Trichromacy



Original Color

36.7875, 34.6157, 61.8693

Protanomaly

35.7915, 34.8125, 63.2256

Deuteranomaly

35.8273, 34.6245, 61.2948

Tritanomaly

34.4190, 34.6426, 50.2200

Monochromacy



Original Color

36.7875, 34.6157, 61.8693

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.8606, 35.2051, 46.5529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7875, 34.6157, 61.8693 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(160, 153, 204)` looks like.

```
.text, #text, p{  
    color:rgb(160, 153, 204)  
}
```

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(160, 153, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 153, 204) }
```

Border

The CSS property to change the border of an element to XYZ 36.7875, 34.6157, 61.8693 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(160, 153, 204) }
```


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

```
.border{ border-color:rgb(160, 153, 204) }
```

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

Here you see how a box with a 4 pixel rgb(160, 153, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 153, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 153, 204);  
box-shadow:4px 4px 4px 4px rgb(160, 153,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7875, 34.6157, 61.8693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 153, 204) }
```

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

```
.background{ background-color: rgb(160,  
153, 204) }
```

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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