

Converting Colors

XYZ(36.5643, 36.6173, 57.3772)

Have a look what the booklet for
XYZ(36.5643, 36.6173, 57.3772)
contains.

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Color

**XYZ(36.6133, 36.6434,
57.3677)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA1C4
RGB	157, 161, 196
RGB Percent	62%, 63%, 77%
CMY	0.3843, 0.3686, 0.2314
CMYK	0.20, 0.18, 0.00, 0.23
HSL	234°, 25%, 69%
HSV	234°, 20%, 77%
XYZ	36.6133, 36.6434, 57.3677
YIQ	163.7940, -13.6190, 10.0370

Conversions

Conversions Part 2

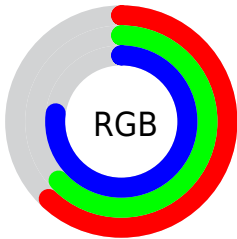
Format	Color
RYB	157, 161, 196
Decimal	10330564
CIELab	67.01, 6.01, -18.42
CIELCh	67, 19.372, 288.075
Yxy	36.6434, 0.2803, 0.2805
Android (android.graphics.Color)	4288520644 (0xFF9DA1C4)
YUV	163.7940, 15.8776, -5.9583
Hunter-Lab	60.5338, 2.0299, -13.8153

Details

The XYZ color **36.6133, 36.6434, 57.3677** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.7007, 51.8692, 39.3968**, and the grayscale version is **35.1212, 36.9503, 40.2389**.

A 20% lighter version of the original color is **69.4369, 70.2006, 102.8189**, and **16.2841, 16.1081, 27.8421** is the 20% darker color. If you saturate the color by 10%, you get **30.2313, 29.1077, 56.2501**, and if you desaturate by 10%, it is **44.0434, 45.3631, 58.6598**.

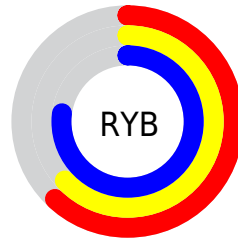
Distribution



Red (62%)

Green (63%)

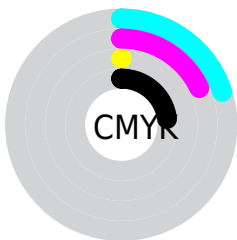
Blue (77%)



Red (62%)

Yellow (63%)

Blue (77%)

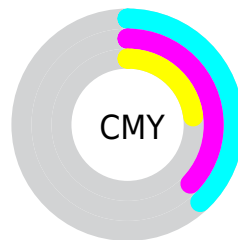


Cyan (20%)

Magenta (18%)

Yellow (0%)

Black (23%)



Cyan (38%)

Magenta (37%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6133, 36.6434, 57.3677 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 36.6133, 36.6434, 57.3677 by changing the saturation by 10% instead.

■ 36.6133, 36.6434,
57.3677

■ 36.6133, 36.6434,
57.3677

323.0180,
331.7641, 432.3580

■ 25.0805, 24.9315,
40.8892

■ 69.2953, 70.0240,
102.5072

■ 16.2661, 16.0260,
27.9135

■ 91.1753, 92.4615,
132.0052

■ 9.8047, 9.5426,
18.0220

117.2351,
119.2430, 166.6802

■ 5.3309, 5.0967,
10.7962

147.8400,
150.7528, 206.9507

■ 2.4794, 2.3041,
5.8175

183.3553,
187.3755, 253.2351

■ 0.8849, 0.7759,
2.6674

224.1466,

■ 0.0000, 0.0000,

229.4953, 305.9521

0.9270

270.5790,
277.4967, 365.5202

■ 0.0000, 0.0000,
0.0000

■ 36.6133, 36.6434,
57.3677

■ 36.6133, 36.6434,
57.3677

■ 30.2313, 29.1077,
56.2501

■ 44.0434, 45.3631,
58.6598

■ 24.8468, 22.7005,
55.2972

■ 52.5624, 55.3103,
60.1308

■ 20.4103, 17.3687,
54.5019

■ 62.2129, 66.5314,
61.7880

■ 16.8664, 13.0529,
53.8557

■ 73.0345, 79.0695,
63.6378

■ 14.1541, 9.6883,
53.3492

■ 85.0636, 92.9649,
65.6858

■ 12.2045, 7.2020,
52.9720

■ 86.9639, 96.7656,
66.3193

■ 10.9377, 5.5109,
52.7124

■ 10.2218, 4.4976,
52.5545

■ 10.2161, 4.4898,
52.5533

Harmonies

Analogous

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



33.6725, 36.6434, 57.9427



36.6133, 36.6434, 57.3677



39.2094, 36.6434, 51.7324

Triad

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



36.6133, 36.6434, 57.3677



38.7468, 36.6434, 29.0172



29.5814, 36.6434, 36.6433

Complementary

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



36.6133, 36.6434, 57.3677



47.7007, 51.8692, 39.3968

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.



30.7867, 36.6434, 30.0226



36.6133, 36.6434, 57.3677



36.0106, 36.6434, 26.0530

Square

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



36.6133, 36.6434, 57.3677



40.4881, 36.6434, 35.0798



33.1026, 36.6434, 26.3931



29.7225, 36.6434, 45.1392

Rectangle

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



36.6133, 36.6434, 57.3677



40.3445, 36.6434, 46.2590



33.1026, 36.6434, 26.3931



29.8396, 36.6434, 34.1494

Sweetspot

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



36.6144, 36.6449, 57.3685



85.4187, 88.7633, 107.2387



43.0989, 50.4301, 57.0133



18.0684, 18.7481, 22.9164



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.



36.6144, 36.6449, 57.3685



60.9196, 60.0084, 102.9797



39.0239, 36.8654, 57.2841



9.6096, 9.9106, 12.6913



6.5947, 2.9460, 33.7777



0.3135, 0.1845, 1.4690

Inverse Universe

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



41.2559, 38.4238, 38.9620



70.9220, 63.9285, 63.2939



44.8942, 51.7447, 39.5207



10.1143, 10.0943, 10.6923



14.7247, 7.5796, 1.1963



0.6506, 0.3333, 0.1277

Previews

White Background



This preview shows how the XYZ color 36.6133, 36.6434, 57.3677 looks on a white background.

Color Contrast Check

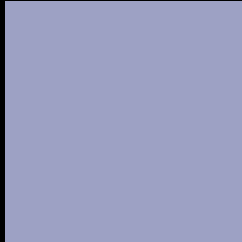
Large Text (above 18pt) WCAG AA × Fail

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 36.6133, 36.6434, 57.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

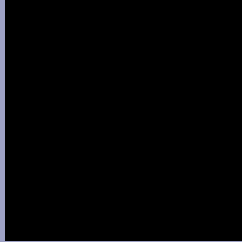
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6133, 36.6434, 57.3677

Background



This preview shows how black text looks on a background with the XYZ color 36.6133, 36.6434, 57.3677.



This preview shows how white text looks on a background with the XYZ color 36.6133, 36.6434,

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

36.6133, 36.6434, 57.3677

Protanopia

36.2262, 36.4438, 57.3496

Deuteranopia

37.2622, 36.4632, 57.2987



Tritanopia

34.5377, 36.5953, 46.8382

Trichromacy



Original Color

36.6133, 36.6434, 57.3677

Protanomaly

36.4190, 36.5432, 57.3586

Deuteranomaly

37.0318, 36.6007, 57.3374

Tritanomaly

35.2665, 36.6236, 50.5577

Monochromacy



Original Color

36.6133, 36.6434, 57.3677

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.6316, 36.9060, 46.3199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6133, 36.6434, 57.3677 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(157, 161, 196)` looks like.

```
.text, #text, p{  
    color:rgb(157, 161, 196)  
}
```

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(157, 161, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 161, 196) }
```

Border

The CSS property to change the border of an element to XYZ 36.6133, 36.6434, 57.3677 is called "border". The border property can be set on classes, ids or directly on the HTML element.

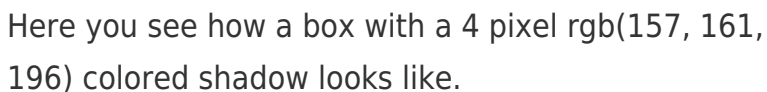
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 161, 196) }
```


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

```
.border{ border-color:rgb(157, 161, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 161, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 161, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 161, 196); box-shadow:4px 4px 4px 4px rgb(157, 161, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6133, 36.6434, 57.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 161, 196) }
```

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

```
.background{ background-color: rgb(157,  
161, 196) }
```

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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