

Converting Colors

XYZ(37.2476, 36.1349, 61.3944)

Have a look what the booklet for
XYZ(37.2476, 36.1349, 61.3944)
contains.

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Color

**XYZ(37.3044, 36.1364,
61.5088)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9ECB
RGB	159, 158, 203
RGB Percent	62%, 62%, 80%
CMY	0.3765, 0.3804, 0.2039
CMYK	0.22, 0.22, 0.00, 0.20
HSL	241°, 30%, 71%
HSV	241°, 22%, 80%
XYZ	37.3044, 36.1364, 61.5088
YIQ	163.4290, -13.8490, 14.2070

Conversions

Conversions Part 2

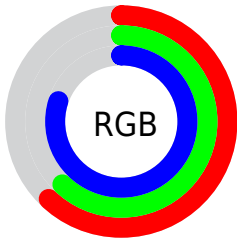
Format	Color
R_{YB}	159, 158, 203
Decimal	10460875
CIE Lab	66.62, 9.94, -22.88
CIE LCh	67, 24.944, 293.492
Yxy	36.1364, 0.2764, 0.2678
Android (android.graphics.Color)	4288650955 (0xFF9F9ECB)
YUV	163.4290, 19.5085, -3.8842
Hunter-Lab	60.1136, 5.5722, -18.5866

Details

The XYZ color **37.3044, 36.1364, 61.5088** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.8857, 57.7379, 40.7591**, and the grayscale version is **34.9317, 36.7509, 40.0217**.

A 20% lighter version of the original color is **69.5758, 69.1046, 104.2792**, and **16.7459, 15.8111, 30.6030** is the 20% darker color. If you saturate the color by 10%, you get **30.4986, 27.9059, 60.2795**, and if you desaturate by 10%, it is **45.3166, 45.8396, 62.9600**.

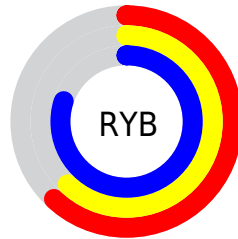
Distribution



Red (62%)

Green (62%)

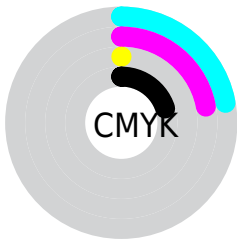
Blue (80%)



Red (62%)

Yellow (62%)

Blue (80%)

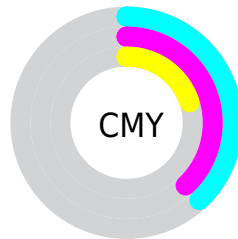


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (20%)



Cyan (38%)

Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3044, 36.1364, 61.5088 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 37.3044, 36.1364, 61.5088 by changing the saturation by 10% instead.

■ 37.3044, 36.1364,
61.5088

■ 37.3044, 36.1364,
61.5088

325.9592,
329.5563, 448.0952

■ 25.6180, 24.5396,
44.2027

■ 70.3515, 69.2425,
108.5800

■ 16.6693, 15.7343,
30.4915

■ 92.4429, 91.5206,
139.1822

■ 10.0928, 9.3364,
19.9568

118.7334,
118.1279, 175.0534

■ 5.5233, 4.9612,
12.1799

149.5883,
149.4488, 216.6123

■ 2.5953, 2.2245,
6.7423

185.3730,
185.8677, 264.2774

■ 0.9436, 0.7333,
3.2254

226.4528,

■ 0.0000, 0.0000,

227.7690, 318.4672

1.2109

273.1931,
275.5371, 379.6003

■ 0.0000, 0.0000,
0.0000

■ 37.3044, 36.1364,
61.5088

■ 37.3044, 36.1364,
61.5088

■ 30.4986, 27.9059,
60.2795

■ 45.3166, 45.8396,
62.9600

■ 24.8374, 21.0720,
59.2588

■ 54.5859, 57.0778,
64.6407

■ 20.2591, 15.5586,
58.4359

■ 65.1644, 69.9151,
66.5610

■ 16.6947, 11.2804,
57.7980

■ 77.1002, 84.4107,
68.7298

■ 14.0670, 8.1422,
57.3307

■ 87.7796, 97.0918,
70.6146

■ 12.2880, 6.0351,
57.0178

■ 11.2531, 4.8289,
56.8395

■ 10.8360, 4.3409,
56.7673

Harmonies

Analogous

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



33.5350, 36.1364, 63.6615



37.3044, 36.1364, 61.5088



40.4800, 36.1364, 52.9683

Triad

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



37.3044, 36.1364, 61.5088



38.8215, 36.1364, 24.9620



27.6636, 36.1364, 37.0499

Complementary

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



37.3044, 36.1364, 61.5088



51.8857, 57.7379, 40.7591

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.



28.8663, 36.1364, 28.2864



37.3044, 36.1364, 61.5088



35.1711, 36.1364, 22.1764

Square

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



37.3044, 36.1364, 61.5088



41.3995, 36.1364, 31.6692



31.5494, 36.1364, 23.2720



28.1439, 36.1364, 48.1737

Rectangle

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



37.3044, 36.1364, 61.5088



41.7410, 36.1364, 45.5165



31.5494, 36.1364, 23.2720



27.8814, 36.1364, 33.7607

Sweetspot

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



37.3056, 36.1379, 61.5096



83.4854, 85.9740, 106.8022



46.0603, 53.9402, 64.4844



17.6668, 18.1565, 22.8234



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.



37.3056, 36.1379, 61.5096



56.3004, 53.0516, 101.8804



42.1223, 38.6210, 61.7350



10.6244, 10.8557, 14.1058



6.9061, 2.7677, 36.1265



0.3645, 0.1470, 1.8641

Inverse Universe

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



47.5172, 41.4159, 61.3681



76.6354, 63.5630, 101.5527



46.2928, 54.8547, 40.4974



11.6764, 11.3993, 14.0964



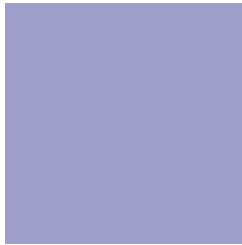
22.2014, 10.6911, 35.1088



1.1488, 0.5529, 1.8296

Previews

White Background



This preview shows how the XYZ color 37.3044, 36.1364, 61.5088 looks on a white background.

Color Contrast Check

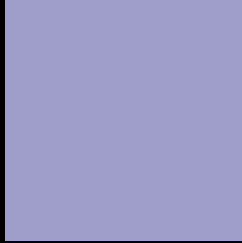
Large Text (above 18pt) WCAG AA × Fail

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 37.3044, 36.1364, 61.5088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

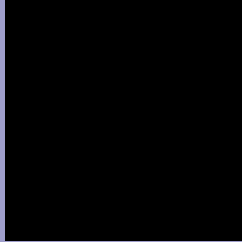
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3044, 36.1364, 61.5088

Background



This preview shows how black text looks on a background with the XYZ color 37.3044, 36.1364, 61.5088.



This preview shows how white text looks on a background with the XYZ color 37.3044, 36.1364,

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

37.3044, 36.1364, 61.5088

Protanopia

36.3527, 36.1287, 62.8151

Deuteranopia

37.0823, 36.2762, 61.5475



Tritanopia

34.2601, 36.1990, 46.2557

Trichromacy



Original Color

37.3044, 36.1364, 61.5088

Protanomaly

36.6236, 36.0259, 62.1502

Deuteranomaly

37.2782, 36.3772, 61.5566

Tritanomaly

35.3181, 36.1028, 51.5615

Monochromacy



Original Color

37.3044, 36.1364, 61.5088

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.6810, 36.3855, 47.2620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3044, 36.1364, 61.5088 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(159, 158, 203)` looks like.

```
.text, #text, p{  
    color:rgb(159, 158, 203)  
}
```

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(159, 158, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 158, 203) }
```

Border

The CSS property to change the border of an element to XYZ 37.3044, 36.1364, 61.5088 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(159, 158, 203) }
```


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

```
.border{ border-color:rgb(159, 158, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 158, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 158, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 158, 203);  
box-shadow:4px 4px 4px 4px rgb(159, 158,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3044, 36.1364, 61.5088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 158, 203) }
```

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

```
.background{ background-color: rgb(159,  
158, 203) }
```

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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