

Converting Colors

XYZ(37.1977, 37.7742, 64.9555)

Have a look what the booklet for
XYZ(37.1977, 37.7742, 64.9555)
contains.

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Color

**XYZ(37.2347, 37.8539,
65.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	95A5D0
RGB	149, 165, 208
RGB Percent	58%, 65%, 82%
CMY	0.4157, 0.3529, 0.1843
CMYK	0.28, 0.21, 0.00, 0.18
HSL	224°, 39%, 70%
HSV	224°, 28%, 82%
XYZ	37.2347, 37.8539, 65.0186
YIQ	165.1180, -23.3390, 9.9810

Conversions

Conversions Part 2

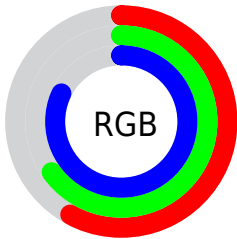
Format	Color
R_{YB}	149, 162, 208
Decimal	9807312
CIE _{Lab}	67.91, 4.16, -23.74
CIE _{LCh}	68, 24.103, 279.938
Yxy	37.8539, 0.2658, 0.2702
Android (android.graphics.Color)	4287997392 (0xFF95A5D0)
YUV	165.1180, 21.1408, -14.1355
Hunter-Lab	61.5255, 0.3569, -19.5883

Details

The XYZ color **37.2347, 37.8539, 65.0186** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.2874, 53.2794, 36.0683**, and the grayscale version is **35.7315, 37.5924, 40.9381**.

A 20% lighter version of the original color is **68.5450, 71.2438, 104.7465**, and **16.5847, 16.6515, 32.4770** is the 20% darker color. If you saturate the color by 10%, you get **31.1994, 30.9221, 63.9994**, and if you desaturate by 10%, it is **44.2743, 45.7863, 66.1793**.

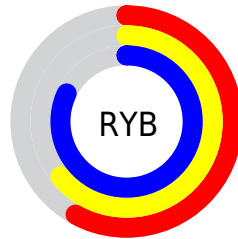
Distribution



Red (58%)

Green (65%)

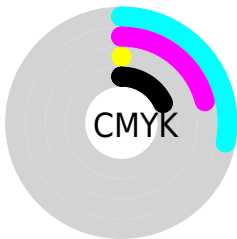
Blue (82%)



Red (58%)

Yellow (64%)

Blue (82%)

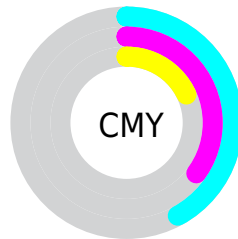


Cyan (28%)

Magenta (21%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (35%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2347, 37.8539, 65.0186 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 37.2347, 37.8539, 65.0186 by changing the saturation by 10% instead.

■ 37.2347, 37.8539,
65.0186

■ 37.2347, 37.8539,
65.0186

325.6634,
336.9928, 461.1668

■ 25.5638, 25.8693,
47.0247

■ 70.2451, 71.8841,
113.6901

■ 16.6285, 16.7259,
32.7007

■ 92.3153, 94.6986,
145.2049

■ 10.0637, 10.0393,
21.6280

118.5826,
121.8918, 182.0636

■ 5.5038, 5.4250,
13.3881

149.4124,
153.8482, 224.6850

■ 2.5835, 2.4987,
7.5625

185.1700,
190.9520, 273.4874

■ 0.9376, 0.8760,
3.7326

226.2208,

■ 0.0000, 0.0000,

233.5878, 328.8895

1.4798

272.9302,
282.1400, 391.3098

■ 0.0000, 0.0000,
0.2028

■ 0.0000, 0.0000,
0.0000

■ 37.2347, 37.8539,
65.0186

■ 37.2347, 37.8539,
65.0186

■ 31.1994, 30.9221,
63.9994

■ 44.2743, 45.7863,
66.1793

■ 26.1173, 24.9452,
63.1136

■ 52.3585, 54.7534,
67.4841

■ 21.9384, 19.8806,
62.3563

■ 61.5302, 64.7933,
68.9386

■ 18.6061, 15.6803,
61.7211

■ 71.8283, 75.9406,
70.5474

■ 16.0573, 12.2916,
61.2014

■ 83.2900, 88.2285,
72.3151

■ 14.2189, 9.6550,
60.7894

■ 88.3853, 97.3341,
73.8042

■ 12.9862, 7.6928,
60.4756

■ 12.8195, 7.4225,
60.4322

Harmonies

Analogous

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



33.5676, 37.8539, 63.7520



37.2347, 37.8539, 65.0186



40.7968, 37.8539, 59.1143

Triad

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



37.2347, 37.8539, 65.0186



41.7805, 37.8539, 29.3562



29.6368, 37.8539, 34.5463

Complementary

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



37.2347, 37.8539, 65.0186



50.2874, 53.2794, 36.0683

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.



31.5562, 37.8539, 27.3536



37.2347, 37.8539, 65.0186



38.5032, 37.8539, 24.7369

Square

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



37.2347, 37.8539, 65.0186



43.5390, 37.8539, 37.7625



34.7518, 37.8539, 24.0735



29.3490, 37.8539, 44.8749

Rectangle

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



37.2347, 37.8539, 65.0186



42.5702, 37.8539, 52.4206



34.7518, 37.8539, 24.0735



30.1059, 37.8539, 31.7347

Sweetspot

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



37.2359, 37.8554, 65.0195



81.9994, 85.6931, 106.8263



44.3864, 55.2762, 57.7847



17.1286, 17.8753, 22.7975



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.



37.2359, 37.8554, 65.0195



53.0712, 53.1953, 102.0783



36.9899, 33.7087, 64.2321



11.4208, 11.9319, 14.9448



8.0590, 4.7647, 37.6874



0.5172, 0.3995, 2.1294

Inverse Universe

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



43.5524, 37.6225, 40.5653



64.7919, 53.1737, 56.6097



50.5432, 58.9134, 37.1423



11.9386, 11.8602, 12.9523



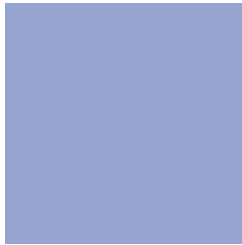
16.6986, 8.5523, 3.3188



0.9673, 0.4916, 0.3625

Previews

White Background



This preview shows how the XYZ color 37.2347, 37.8539, 65.0186 looks on a white background.

Color Contrast Check

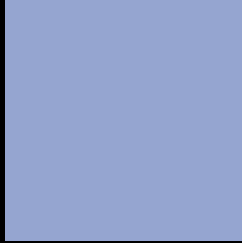
Large Text (above 18pt) WCAG AA × Fail

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 37.2347, 37.8539, 65.0186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

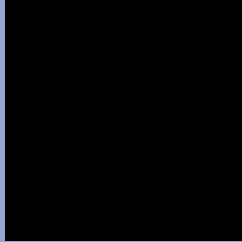
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2347, 37.8539, 65.0186

Background



This preview shows how black text looks on a background with the XYZ color 37.2347, 37.8539, 65.0186.



This preview shows how white text looks on a background with the XYZ color 37.2347, 37.8539,

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

37.2347, 37.8539, 65.0186

Protanopia

38.0555, 38.0245, 64.3652

Deuteranopia

38.7270, 37.8150, 65.5795



Tritanopia

34.2368, 37.7241, 50.2768

Trichromacy



Original Color

37.2347, 37.8539, 65.0186

Protanomaly

37.6748, 37.8282, 64.3474

Deuteranomaly

38.1234, 37.7664, 65.6019

Tritanomaly

35.3711, 37.9220, 55.3246

Monochromacy



Original Color

37.2347, 37.8539, 65.0186

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.0937, 37.6174, 49.0746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2347, 37.8539, 65.0186 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(149, 165, 208)` looks like.

```
.text, #text, p{  
    color:rgb(149, 165, 208)  
}
```

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(149, 165, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 165, 208) }
```

Border

The CSS property to change the border of an element to XYZ 37.2347, 37.8539, 65.0186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

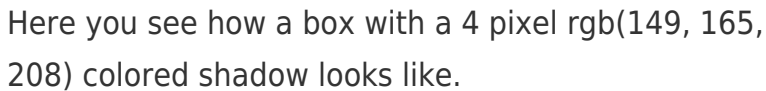
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 165, 208) }
```


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

```
.border{ border-color:rgb(149, 165, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(149, 165, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 165, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 165, 208);  
box-shadow:4px 4px 4px 4px rgb(149, 165,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2347, 37.8539, 65.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 165, 208) }
```

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

```
.background{ background-color: rgb(149,  
165, 208) }
```

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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