

Converting Colors

XYZ(36.7349, 37.7819, 57.7288)

Have a look what the booklet for
XYZ(36.7349, 37.7819, 57.7288)
contains.

XYZ(36.7454, 37.7658, 57.5774)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.7454, 37.7658,
57.5774)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA5C4
RGB	154, 165, 196
RGB Percent	60%, 65%, 77%
CMY	0.3961, 0.3529, 0.2314
CMYK	0.21, 0.16, 0.00, 0.23
HSL	224°, 26%, 69%
HSV	224°, 21%, 77%
XYZ	36.7454, 37.7658, 57.5774
YIQ	165.2450, -16.5070, 7.3090

Conversions

Conversions Part 2

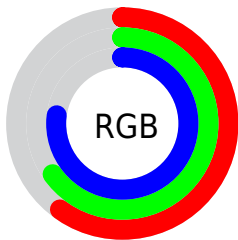
Format	Color
RYB	154, 163, 196
Decimal	10134980
CIELab	67.85, 2.83, -17.17
CIELCh	68, 17.398, 279.365
Yxy	37.7658, 0.2782, 0.2859
Android (android.graphics.Color)	4288325060 (0xFF9AA5C4)
YUV	165.2450, 15.1622, -9.8619
Hunter-Lab	61.4539, -0.8130, -12.5323

Details

The XYZ color **36.7454, 37.7658, 57.5774** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.9472, 48.7671, 37.5642**, and the grayscale version is **35.8179, 37.6832, 41.0370**.

A 20% lighter version of the original color is **69.6173, 71.8336, 103.1245**, and **16.2671, 16.5880, 27.9356** is the 20% darker color. If you saturate the color by 10%, you get **30.8520, 31.0716, 56.5965**, and if you desaturate by 10%, it is **43.5454, 45.3674, 58.6869**.

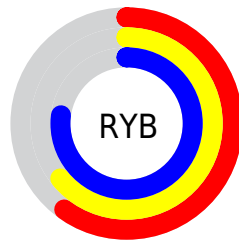
Distribution



Red (60%)

Green (65%)

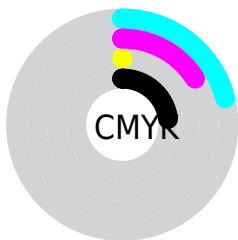
Blue (77%)



Red (60%)

Yellow (64%)

Blue (77%)

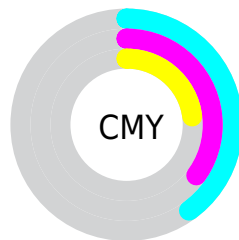


Cyan (21%)

Magenta (16%)

Yellow (0%)

Black (23%)



Cyan (40%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7454, 37.7658, 57.5774 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 36.7454, 37.7658, 57.5774 by changing the saturation by 10% instead.

■ 36.7454, 37.7658,
57.5774

■ 36.7454, 37.7658,
57.5774

323.5816,
336.6142, 433.1636

■ 25.1832, 25.8010,
41.0565

■ 69.4974, 71.7490,
102.8159

■ 16.3431, 16.6748,
28.0432

■ 91.4179, 94.5362,
132.3706

■ 9.8596, 10.0029,
18.1189

117.5219,
121.6996, 167.1070

■ 5.3675, 5.4009,
10.8651

148.1748,
153.6237, 207.4437

■ 2.5014, 2.4843,
5.8632

183.7418,
190.6928, 253.7991

■ 0.8960, 0.8688,
2.6946

224.5884,

■ 0.0000, 0.0000,

233.2913, 306.5919

0.9407

271.0799,
281.8037, 366.2405

■ 0.0000, 0.0000,
0.0000

■ 36.7454, 37.7658,
57.5774

■ 36.7454, 37.7658,
57.5774

■ 30.8520, 31.0716,
56.5965

■ 43.5454, 45.3674,
58.6869

■ 25.8224, 25.2454,
55.7370

■ 51.2854, 53.9046,
59.9268

■ 21.6154, 20.2516,
54.9949

■ 60.0013, 63.4102,
61.3022

■ 18.1851, 16.0502,
54.3647

■ 69.7260, 73.9137,
62.8170

■ 15.4806, 12.5977,
53.8409

■ 80.4909, 85.4436,
64.4751

■ 13.4447, 9.8461,
53.4171

■ 85.9516, 94.7410,
65.9819

■ 12.0104, 7.7405,
53.0862

■ 86.9639, 96.7656,
66.3193

■ 11.1626, 6.3830,
52.8689

Harmonies

Analogous

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



34.0992, 37.7658, 56.6380



36.7454, 37.7658, 57.5774



39.2846, 37.7658, 53.6998

Triad

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



36.7454, 37.7658, 57.5774



40.0541, 37.7658, 32.4046



31.2592, 37.7658, 36.1071

Complementary

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



36.7454, 37.7658, 57.5774



45.9472, 48.7671, 37.5642

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.



32.7067, 37.7658, 30.6772



36.7454, 37.7658, 57.5774



37.7534, 37.7658, 28.7327

Square

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



36.7454, 37.7658, 57.5774



41.2569, 37.7658, 38.7518



35.0583, 37.7658, 28.1426



31.0195, 37.7658, 43.5839

Rectangle

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



36.7454, 37.7658, 57.5774



40.5430, 37.7658, 49.1593



35.0583, 37.7658, 28.1426



31.6171, 37.7658, 34.0097

Sweetspot

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



36.7466, 37.7673, 57.5783



86.1462, 90.2183, 107.4812



41.8031, 49.8450, 53.2069



18.2398, 19.0909, 22.9735



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.



36.7466, 37.7673, 57.5783



61.0492, 62.1751, 103.3911



36.7890, 34.9691, 57.0359



9.7381, 10.1675, 12.7341



7.2330, 4.2225, 33.9904



0.3709, 0.2991, 1.4881

Inverse Universe

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



41.1131, 37.5647, 40.6827



70.5218, 61.9857, 66.6823



45.8718, 52.2779, 38.2459



10.1791, 10.1202, 11.0337



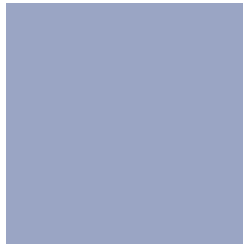
15.0469, 7.7085, 2.8928



0.6796, 0.3448, 0.2801

Previews

White Background



This preview shows how the XYZ color 36.7454, 37.7658, 57.5774 looks on a white background.

Color Contrast Check

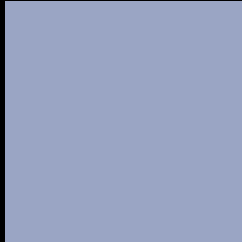
Large Text (above 18pt) WCAG AA × Fail

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 36.7454, 37.7658, 57.5774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

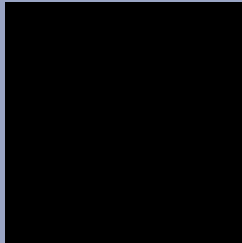
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.7454, 37.7658, 57.5774

Background



This preview shows how black text looks on a background with the XYZ color 36.7454, 37.7658, 57.5774.



This preview shows how white text looks on a background with the XYZ color 36.7454, 37.7658,

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

36.7454, 37.7658, 57.5774

Protanopia

37.4239, 37.8620, 56.9654

Deuteranopia

38.5488, 37.6279, 58.0545



Tritanopia

35.1056, 37.9208, 49.1852

Trichromacy



Original Color

36.7454, 37.7658, 57.5774

Protanomaly

37.0304, 37.6591, 56.9470

Deuteranomaly

37.8987, 37.5533, 58.0744

Tritanomaly

35.6305, 37.8580, 51.8838

Monochromacy



Original Color

36.7454, 37.7658, 57.5774

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.9895, 37.6219, 46.4392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7454, 37.7658, 57.5774 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(154, 165, 196)` looks like.

```
.text, #text, p{  
    color:rgb(154, 165, 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(154, 165, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 165, 196) }
```

Border

The CSS property to change the border of an element to XYZ 36.7454, 37.7658, 57.5774 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(154, 165, 196) }
```


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

```
.border{ border-color:rgb(154, 165, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 165, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 165, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 165, 196);  
box-shadow:4px 4px 4px 4px rgb(154, 165,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7454, 37.7658, 57.5774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 165, 196) }
```

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

```
.background{ background-color: rgb(154,  
165, 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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