

Converting Colors

XYZ(34.4524, 37.1454, 68.9723)

Have a look what the booklet for
XYZ(34.4524, 37.1454, 68.9723)
contains.

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Color

**XYZ(34.4524, 37.1454,
68.9723)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA8D6
RGB	124, 168, 214
RGB Percent	49%, 66%, 84%
CMY	0.5137, 0.3412, 0.1608
CMYK	0.42, 0.21, 0.00, 0.16
HSL	211°, 52%, 66%
HSV	211°, 42%, 84%
XYZ	34.4524, 37.1454, 68.9723
YIQ	160.0880, -40.9900, 4.9780

Conversions

Conversions Part 2

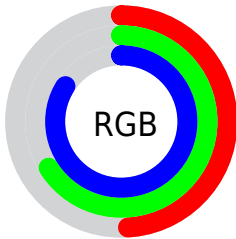
Format	Color
RYB	124, 154, 214
Decimal	8169686
CIELab	67.39, -2.92, -28.00
CIELCh	67, 28.148, 264.048
Yxy	37.1454, 0.2451, 0.2642
Android (android.graphics.Color)	4286359766 (0xFF7CA8D6)
YUV	160.0880, 26.5786, -31.6492
Hunter-Lab	60.9470, -5.7540, -24.4342

Details

The XYZ color **34.4524, 37.1454, 68.9723** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **45.7453, 44.5018, 25.2487**, and the grayscale version is **33.3501, 35.0869, 38.2096**.

A 20% lighter version of the original color is **63.2601, 69.6987, 104.7268**, and **14.9576, 16.2592, 35.1509** is the 20% darker color. If you saturate the color by 10%, you get **29.7539, 31.8513, 68.1987**, and if you desaturate by 10%, it is **39.9943, 43.1280, 69.8356**.

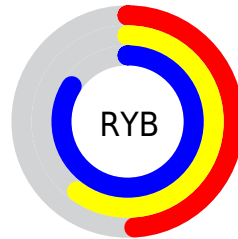
Distribution



Red (49%)

Green (66%)

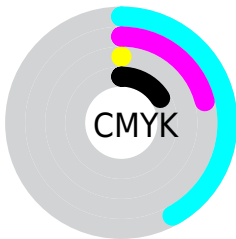
Blue (84%)



Red (49%)

Yellow (60%)

Blue (84%)

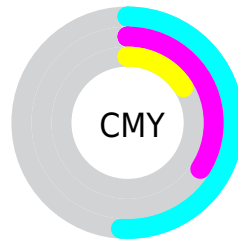


Cyan (42%)

Magenta (21%)

Yellow (0%)

Black (16%)



Cyan (51%)

Magenta (34%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4524, 37.1454, 68.9723 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 34.4524, 37.1454, 68.9723 by changing the saturation by 10% instead.

■ 34.4524, 37.1454,
68.9723

■ 34.4524, 37.1454,
68.9723

313.6951,
333.9396, 475.6246

■ 23.4059, 25.3201,
50.2175

■ 65.9762, 70.7964,
119.4093

■ 15.0158, 16.3157,
35.2139

■ 87.1842, 93.3908,
151.9287

■ 8.9169, 9.7478,
23.5428

■ 112.5101,
120.3437, 189.8733

■ 4.7437, 5.2321,
14.7858

142.3192,
152.0395, 233.6618

■ 2.1309, 2.3841,
8.5242

176.9769,
188.8626, 283.7126

■ 0.7059, 0.8177,
4.3396

216.8486,

■ 0.0000, 0.0000,

231.1974, 340.4443

1.8135

262.2995,
279.4283, 404.2754

■ 0.0000, 0.0000,
0.4368

■ 0.0000, 0.0000,
0.0000

■ 34.4524, 37.1454,
68.9723

■ 34.4524, 37.1454,
68.9723

■ 29.7539, 31.8513,
68.1987

■ 39.9943, 43.1280,
69.8356

■ 25.8471, 27.2105,
67.5089

■ 46.4198, 49.8235,
70.7893

■ 22.6798, 23.1906,
66.8999

■ 53.7709, 57.2600,
71.8373

■ 20.1913, 19.7534,
66.3676

■ 62.0855, 65.4627,
72.9823

■ 18.3092, 16.8548,
65.9073

■ 71.3994, 74.4554,
74.2272

■ 17.1511, 14.8818,
65.5875

■ 81.7466, 84.2609,
75.5745

■ 85.8993, 91.1582,
76.6869

■ 89.1377, 97.6351,
77.7664

Harmonies

Analogous

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



30.6561, 37.1454, 62.8843



34.4524, 37.1454, 68.9723



38.7947, 37.1454, 66.2487

Triad

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



34.4524, 37.1454, 68.9723



43.4351, 37.1454, 31.5164



29.0076, 37.1454, 28.0396

Complementary

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



34.4524, 37.1454, 68.9723



45.7453, 44.5018, 25.2487

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.



32.0322, 37.1454, 22.3987



34.4524, 37.1454, 68.9723



40.4029, 37.1454, 24.1014

Square

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



34.4524, 37.1454, 68.9723



44.2150, 37.1454, 42.9588



36.1727, 37.1454, 21.1198



27.6814, 37.1454, 38.0313

Rectangle

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



34.4524, 37.1454, 68.9723



41.3923, 37.1454, 60.0351



36.1727, 37.1454, 21.1198



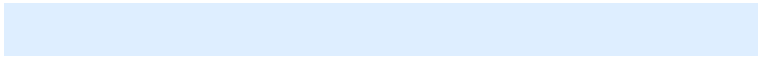
29.8469, 37.1454, 25.6605

Sweetspot

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



34.4536, 37.1468, 68.9732



78.7194, 83.9081, 106.6547



39.5212, 55.2437, 46.1174



16.3087, 17.4171, 22.7522



0.0000, 0.0000, 0.0000



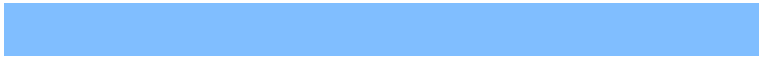
20.3446, 21.4041, 23.3091

Same Dimension

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



34.4536, 37.1468, 68.9732



45.2546, 48.5256, 101.5889



27.6586, 23.5567, 66.7082



12.2388, 13.0011, 15.8019



10.4702, 9.2021, 39.6775



0.7142, 0.7205, 2.4207

Inverse Universe

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



42.0081, 31.5398, 40.9209



58.1702, 40.2787, 53.3288



55.4170, 63.8453, 28.4726



12.6737, 12.5210, 14.2222



18.3437, 9.2738, 9.1140



1.1482, 0.5761, 0.7696

Previews

White Background



This preview shows how the XYZ color 34.4524, 37.1454, 68.9723 looks on a white background.

Color Contrast Check

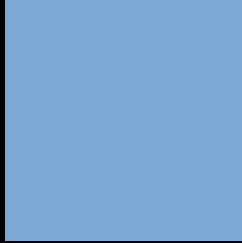
Large Text (above 18pt) WCAG AA × Fail

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 34.4524, 37.1454, 68.9723 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 34.4524, 37.1454, 68.9723

Background



This preview shows how black text looks on a background with the XYZ color 34.4524, 37.1454, 68.9723.

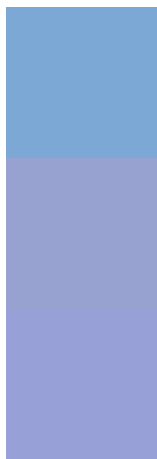


This preview shows how white text looks on a background with the XYZ color 34.4524, 37.1454,

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

34.4524, 37.1454, 68.9723

Protanopia

37.1915, 37.0234, 65.5076

Deuteranopia

37.9020, 37.0269, 70.1150



Tritanopia

31.2493, 37.2569, 52.5580

Trichromacy



Original Color

34.4524, 37.1454, 68.9723

Protanomaly

36.0178, 36.9168, 66.8553

Deuteranomaly

36.5257, 37.1199, 69.5297

Tritanomaly

32.3867, 37.1501, 58.2871

Monochromacy



Original Color

34.4524, 37.1454, 68.9723

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.3680, 35.6927, 48.3107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4524, 37.1454, 68.9723 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(124, 168, 214)` looks like.

```
.text, #text, p{  
    color:rgb(124, 168, 214)  
}
```

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(124, 168, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 168, 214) }
```

Border

The CSS property to change the border of an element to XYZ 34.4524, 37.1454, 68.9723 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(124, 168, 214) }
```


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

```
.border{ border-color:rgb(124, 168, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 168, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 168, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 168, 214); box-shadow:4px 4px 4px 4px rgb(124, 168, 214) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4524, 37.1454, 68.9723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 168, 214) }
```

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

```
.background{ background-color: rgb(124,  
168, 214) }
```

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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