

Converting Colors

XYZ(35.2689, 37.3646, 68.0423)

Have a look what the booklet for
XYZ(35.2689, 37.3646, 68.0423)
contains.

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Color

**XYZ(35.3447, 37.3471,
68.2966)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 84A7D5 |
| RGB | 132, 167, 213 |
| RGB Percent | 52%, 65%, 84% |
| CMY | 0.4823, 0.3451, 0.1647 |
| CMYK | 0.38, 0.22, 0.00, 0.16 |
| HSL | 214°, 49%, 68% |
| HSV | 214°, 38%, 84% |
| XYZ | 35.3447, 37.3471, 68.2966 |
| YIQ | 161.7790, -35.6260, 6.8860 |

Conversions

Conversions Part 2

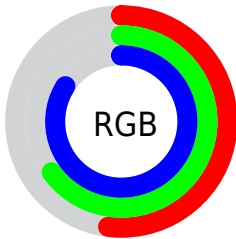
| Format | Color |
|-------------------------------------|--|
| RYB | 132, 156, 213 |
| Decimal | 8693717 |
| CIELab | 67.54, -0.52, -27.17 |
| CIELCh | 68, 27.179, 268.911 |
| Yxy | 37.3471, 0.2507, 0.2649 |
| Android (android.graphics.Color) | 4286883797 (0xFF84A7D5) |
| YUV | 161.7790, 25.2520, -26.1162 |
| Hunter-Lab | 61.1123, -3.7098, -23.4815 |

Details

The XYZ color **35.3447, 37.3471, 68.2966** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **47.5267, 47.6537, 28.5243**, and the grayscale version is **34.1380, 35.9158, 39.1123**.

A 20% lighter version of the original color is **64.6648, 70.0273, 104.7162**, and **15.5267, 16.3924, 34.6934** is the 20% darker color. If you saturate the color by 10%, you get **30.2345, 31.5762, 67.4527**, and if you desaturate by 10%, it is **41.3446, 43.8861, 69.2432**.

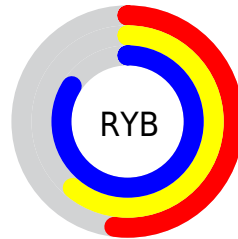
Distribution



Red (52%)

Green (65%)

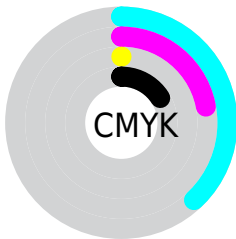
Blue (84%)



Red (52%)

Yellow (61%)

Blue (84%)

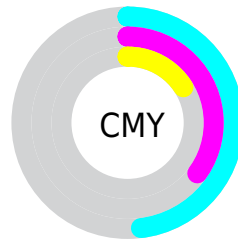


Cyan (38%)

Magenta (22%)

Yellow (0%)

Black (16%)



Cyan (48%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3447, 37.3471, 68.2966 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 35.3447, 37.3471, 68.2966 by changing the saturation by 10% instead.

■ 35.3447, 37.3471,
68.2966

■ 35.3447, 37.3471,
68.2966

317.5686,
334.8108, 473.1727

■ 24.0963, 25.4763,
49.6709

■ 67.3499, 71.1063,
118.4346

■ 15.5302, 16.4323,
34.7826

■ 88.8374, 93.7635,
150.7839

■ 9.2810, 9.8306,
23.2133

■ 114.4687,
120.7851, 188.5448

■ 4.9835, 5.2868,
14.5443

144.6091,
152.5553, 232.1360

■ 2.2723, 2.4165,
8.3571

179.6239,
189.4586, 281.9758

■ 0.7804, 0.8344,
4.2333

219.8785,

■ 0.0000, 0.0000,

231.8793, 338.4828

1.7542

265.7383,
280.2020, 402.0756

■ 0.0000, 0.0000,
0.3975

■ 0.0000, 0.0000,
0.0000

■ 35.3447, 37.3471,
68.2966

■ 35.3447, 37.3471,
68.2966

■ 30.2345, 31.5762,
67.4527

■ 41.3446, 43.8861,
69.2432

■ 25.9631, 26.5361,
66.7050

■ 48.2742, 51.2192,
70.2934

■ 22.4795, 22.1928,
66.0503

■ 56.1752, 59.3768,
71.4515

■ 19.7251, 18.5068,
65.4840

■ 65.0856, 68.3858,
72.7208

■ 17.6318, 15.4333,
65.0010

■ 75.0414, 78.2720,
74.1043

■ 16.1037, 12.9126,
64.5951

■ 84.2870, 88.1375,
75.5212

■ 15.8409, 12.4652,
64.5225

■ 87.9592, 95.4819,
76.7453

■ 89.0104, 97.5841,
77.0957

Harmonies

Analogous

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



31.5063, 37.3471, 63.7359



35.3447, 37.3471, 68.2966



39.5268, 37.3471, 64.3283

Triad

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



35.3447, 37.3471, 68.2966



43.0088, 37.3471, 30.5199



29.0491, 37.3471, 29.8981

Complementary

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



35.3447, 37.3471, 68.2966



47.5267, 47.6537, 28.5243

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.



31.7514, 37.3471, 23.6585



35.3447, 37.3471, 68.2966



39.8119, 37.3471, 23.9648

Square

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



35.3447, 37.3471, 68.2966



44.1557, 37.3471, 41.1039



35.6503, 37.3471, 21.7176



28.0519, 37.3471, 40.2286

Rectangle

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



35.3447, 37.3471, 68.2966



41.9067, 37.3471, 57.7486



35.6503, 37.3471, 21.7176



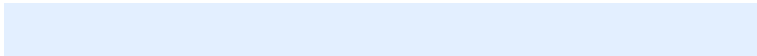
29.7772, 37.3471, 27.3336

Sweetspot

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



35.3459, 37.3485, 68.2975



80.6000, 85.3171, 106.8275



41.3368, 55.7052, 50.6415



16.8983, 17.8974, 22.8139



0.0000, 0.0000, 0.0000



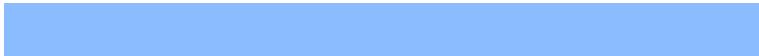
20.3446, 21.4041, 23.3091

Same Dimension

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



35.3459, 37.3485, 68.2975



46.5475, 48.7293, 101.5601



30.6449, 26.6602, 66.4822



12.1795, 12.8825, 15.7822



9.7735, 7.8088, 39.4453



0.6709, 0.6337, 2.4063

Inverse Universe

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



42.6679, 33.4399, 40.7664



59.4043, 42.9985, 52.9640



53.8600, 62.6072, 31.0768



12.6438, 12.5090, 14.0646



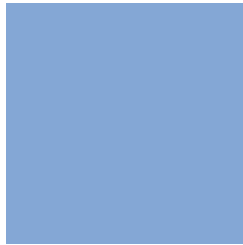
17.9921, 9.1332, 7.2623



1.1263, 0.5673, 0.6543

Previews

White Background



This preview shows how the XYZ color 35.3447, 37.3471, 68.2966 looks on a white background.

Color Contrast Check

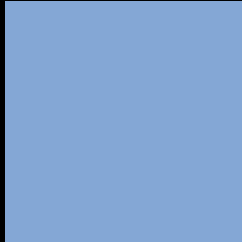
Large Text (above 18pt) WCAG AA × Fail

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 35.3447, 37.3471, 68.2966 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

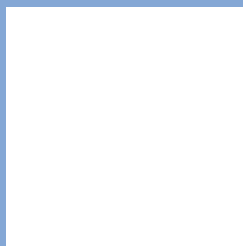
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3447, 37.3471, 68.2966

Background



This preview shows how black text looks on a background with the XYZ color 35.3447, 37.3471, 68.2966.



This preview shows how white text looks on a background with the XYZ color 35.3447, 37.3471,

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

35.3447, 37.3471, 68.2966

Protanopia

37.5021, 37.1692, 66.1706

Deuteranopia

38.0193, 37.1171, 68.7788



Tritanopia

32.0729, 37.4102, 51.9848

Trichromacy



Original Color

35.3447, 37.3471, 68.2966

Protanomaly

36.7104, 37.2738, 66.8877

Deuteranomaly

36.9118, 37.0692, 68.8279

Tritanomaly

33.2406, 37.3242, 57.6769

Monochromacy



Original Color

35.3447, 37.3471, 68.2966

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.3784, 36.4664, 48.9428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3447, 37.3471, 68.2966 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(132, 167, 213)` looks like.

```
.text, #text, p{  
    color:rgb(132, 167, 213)  
}
```

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(132, 167, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 167, 213) }
```

Border

The CSS property to change the border of an element to XYZ 35.3447, 37.3471, 68.2966 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(132, 167, 213) }
```


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

```
.border{ border-color:rgb(132, 167, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 167, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 167, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 167, 213);  
box-shadow:4px 4px 4px 4px rgb(132, 167,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3447, 37.3471, 68.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 167, 213) }
```

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

```
.background{ background-color: rgb(132,  
167, 213) }
```

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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