

Converting Colors

XYZ(34.1725, 36.9165, 74.0996)

Have a look what the booklet for
XYZ(34.1725, 36.9165, 74.0996)
contains.

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Color

**XYZ(34.2577, 36.9240,
74.4287)**

Conversions

Conversions Part 1

Format	Color
Hex	73A8DE
RGB	115, 168, 222
RGB Percent	45%, 66%, 87%
CMY	0.5490, 0.3412, 0.1294
CMYK	0.48, 0.24, 0.00, 0.13
HSL	210°, 62%, 66%
HSV	210°, 48%, 87%
XYZ	34.2577, 36.9240, 74.4287
YIQ	158.3090, -48.9220, 5.5580

Conversions

Conversions Part 2

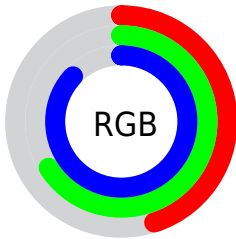
Format	Color
R _Y B	115, 150, 222
Decimal	7579870
CIE Lab	67.22, -2.88, -32.70
CIE LCh	67, 32.824, 264.973
Yxy	36.9240, 0.2353, 0.2536
Android (android.graphics.Color)	4285769950 (0xFF73A8DE)
YUV	158.3090, 31.3997, -37.9820
Hunter-Lab	60.7651, -5.7056, -30.0863

Details

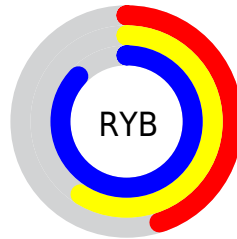
The XYZ color **34.2577, 36.9240, 74.4287** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **47.4080, 45.1450, 22.4364**, and the grayscale version is **32.5185, 34.2120, 37.2569**.

A 20% lighter version of the original color is **61.4509, 68.7660, 104.6421**, and **14.9078, 16.1507, 38.8909** is the 20% darker color. If you saturate the color by 10%, you get **29.7024, 31.6368, 73.6490**, and if you desaturate by 10%, it is **39.6967, 42.9327, 75.3025**.

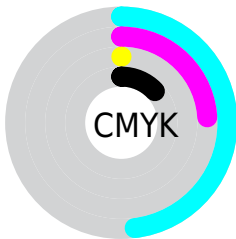
Distribution



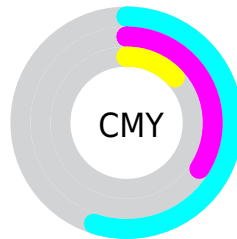
- Red (45%)
- Green (66%)
- Blue (87%)



- Red (45%)
- Yellow (59%)
- Blue (87%)



- Cyan (48%)
- Magenta (24%)
- Yellow (0%)
- Black (13%)



- Cyan (55%)
- Magenta (34%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2577, 36.9240, 74.4287 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 34.2577, 36.9240, 74.4287 by changing the saturation by 10% instead.

■ 34.2577, 36.9240,
74.4287

■ 34.2577, 36.9240,
74.4287

312.8453,
332.9814, 495.1546

■ 23.2555, 25.1487,
54.6461

■ 65.6758, 70.4559,
127.2430

■ 14.9040, 16.1878,
38.7217

■ 86.8225, 92.9812,
161.1117

■ 8.8379, 9.6572,
26.2372

■ 112.0813,
119.8586, 200.5129

■ 4.6919, 5.1722,
16.7738

141.8176,
151.4726, 245.8651

■ 2.1005, 2.3487,
9.9131

176.3968,
188.2074, 297.5868

■ 0.6895, 0.7993,
5.2365

216.1843,

■ 0.0000, 0.0000,

230.4476, 356.0966

2.3255

261.5453,
278.5774, 421.8130

■ 0.0000, 0.0000,
0.7455

■ 0.0000, 0.0000,
0.0000

■ 34.2577, 36.9240,
74.4287

■ 34.2577, 36.9240,
74.4287

■ 29.7024, 31.6368,
73.6490

■ 39.6967, 42.9327,
75.3025

■ 25.9711, 27.0317,
72.9567

■ 46.0660, 49.6913,
76.2714

■ 23.0023, 23.0707,
72.3487

■ 53.4134, 57.2314,
77.3395

■ 20.7224, 19.7086,
71.8199

■ 61.7821, 65.5810,
78.5101

■ 19.0274, 16.8844,
71.3641

■ 71.2124, 74.7668,
79.7861

■ 18.7568, 16.4176,
71.2882

■ 81.7424, 84.8142,
81.1704

■ 87.5116, 92.7074,
82.3899

■ 90.1849, 98.0540,
83.2810

Harmonies

Analogous

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



29.8508, 36.9240, 67.2951



34.2577, 36.9240, 74.4287



39.3218, 36.9240, 70.7614

Triad

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



34.2577, 36.9240, 74.4287



44.5731, 36.9240, 29.6439



27.7823, 36.9240, 26.3558

Complementary

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



34.2577, 36.9240, 74.4287



47.4080, 45.1450, 22.4364

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.



31.1828, 36.9240, 20.0203



34.2577, 36.9240, 74.4287



40.9203, 36.9240, 21.5780

Square

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



34.2577, 36.9240, 74.4287



45.5937, 36.9240, 42.6705



35.9461, 36.9240, 18.5062



26.3463, 36.9240, 37.8344

Rectangle

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



34.2577, 36.9240, 74.4287



42.3542, 36.9240, 63.0527



35.9461, 36.9240, 18.5062



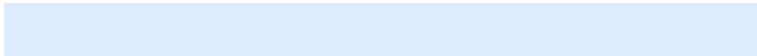
28.7168, 36.9240, 23.6731

Sweetspot

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



34.2590, 36.9254, 74.4296



77.6330, 82.8852, 106.5145



40.3073, 58.7342, 46.5044



16.0968, 17.2194, 22.7252



0.0000, 0.0000, 0.0000



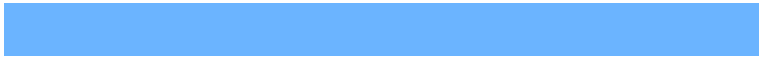
20.3446, 21.4041, 23.3091

Same Dimension

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



34.2590, 36.9254, 74.4296



40.5191, 43.1393, 100.7989



26.3872, 21.1818, 71.8057



13.5100, 14.3591, 17.4472



11.2520, 9.9736, 42.3804



0.8694, 0.8703, 2.9674

Inverse Universe

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



43.3239, 30.6197, 40.6738



54.7829, 35.1062, 47.2603



59.3408, 69.0107, 26.4140



13.9889, 13.8132, 15.7116



19.6197, 9.9149, 9.9291



1.4051, 0.7053, 0.9261

Previews

White Background



This preview shows how the XYZ color 34.2577, 36.9240, 74.4287 looks on a white background.

Color Contrast Check

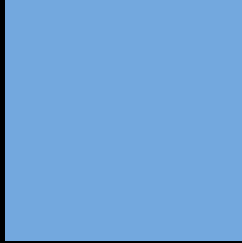
Large Text (above 18pt) WCAG AA × Fail

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 34.2577, 36.9240, 74.4287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

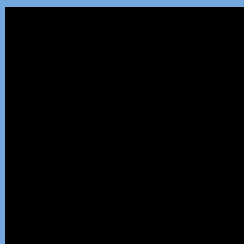
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

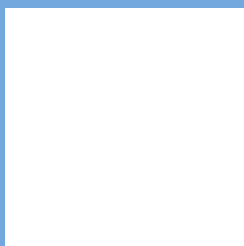
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2577, 36.9240, 74.4287

Background



This preview shows how black text looks on a background with the XYZ color 34.2577, 36.9240, 74.4287.

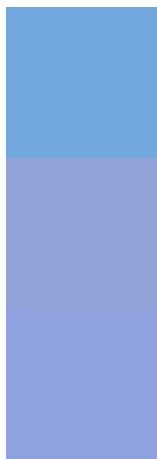


This preview shows how white text looks on a background with the XYZ color 34.2577, 36.9240,

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

34.2577, 36.9240, 74.4287

Protanopia

37.3019, 36.7025, 70.7639

Deuteranopia

37.7010, 36.8008, 75.6372



Tritanopia

29.9221, 36.8460, 53.1119

Trichromacy



Original Color

34.2577, 36.9240, 74.4287

Protanomaly

36.0533, 36.8163, 72.2239

Deuteranomaly

36.2676, 36.8652, 75.0162

Tritanomaly

31.3622, 36.8633, 60.1060

Monochromacy



Original Color

34.2577, 36.9240, 74.4287

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.4161, 34.9276, 48.7493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2577, 36.9240, 74.4287 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(115, 168, 222)` looks like.

```
.text, #text, p{  
    color:rgb(115, 168, 222)  
}
```

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(115, 168, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 168, 222) }
```

Border

The CSS property to change the border of an element to XYZ 34.2577, 36.9240, 74.4287 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(115, 168, 222) }
```


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

```
.border{ border-color:rgb(115, 168, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 168, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 168, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 168, 222);  
box-shadow:4px 4px 4px 4px rgb(115, 168,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2577, 36.9240, 74.4287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 168, 222) }
```

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

```
.background{ background-color: rgb(115,  
168, 222) }
```

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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