

Converting Colors

XYZ(36.0625, 37.8114, 76.2034)

Have a look what the booklet for
XYZ(36.0625, 37.8114, 76.2034)
contains.

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Color

**XYZ(36.0614, 37.8227,
75.9209)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA8E0
RGB	126, 168, 224
RGB Percent	49%, 66%, 88%
CMY	0.5059, 0.3412, 0.1216
CMYK	0.44, 0.25, 0.00, 0.12
HSL	214°, 61%, 69%
HSV	214°, 44%, 88%
XYZ	36.0614, 37.8227, 75.9209
YIQ	161.8260, -43.0080, 8.5120

Conversions

Conversions Part 2

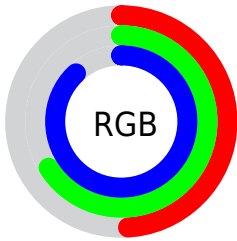
Format	Color
RYB	126, 155, 224
Decimal	8300768
CIELab	67.89, 0.38, -32.71
CIELCh	68, 32.714, 270.657
Yxy	37.8227, 0.2407, 0.2525
Android (android.graphics.Color)	4286490848 (0xFF7EA8E0)
YUV	161.8260, 30.6518, -31.4194
Hunter-Lab	61.5002, -2.9595, -30.1424

Details

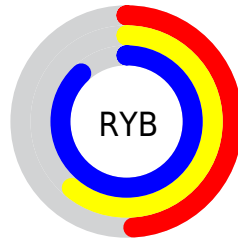
The XYZ color **36.0614, 37.8227, 75.9209** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **51.2355, 50.8110, 26.8474**, and the grayscale version is **34.1380, 35.9158, 39.1123**.

A 20% lighter version of the original color is **63.7291, 69.9404, 104.7487**, and **15.9326, 16.6574, 39.9116** is the 20% darker color. If you saturate the color by 10%, you get **30.8729, 31.8115, 75.0348**, and if you desaturate by 10%, it is **42.2246, 44.6832, 76.9210**.

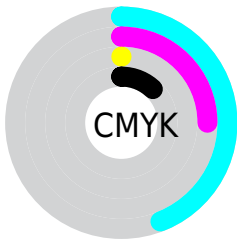
Distribution



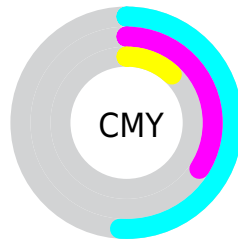
- Red (49%)
- Green (66%)
- Blue (88%)



- Red (49%)
- Yellow (61%)
- Blue (88%)



- Cyan (44%)
- Magenta (25%)
- Yellow (0%)
- Black (12%)



- Cyan (51%)
- Magenta (34%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0614, 37.8227, 75.9209 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 36.0614, 37.8227, 75.9209 by changing the saturation by 10% instead.

■ 36.0614, 37.8227,
75.9209

■ 36.0614, 37.8227,
75.9209

320.6554,
336.8588, 500.4165

■ 24.6519, 25.8451,
55.8614

■ 68.4501, 71.8363,
129.3742

■ 15.9453, 16.7078,
39.6885

■ 90.1600, 94.6411,
163.6050

■ 9.5760, 10.0264,
26.9839

■ 116.0342,
121.8238, 203.3966

■ 5.1789, 5.4165,
17.3288

146.4379,
153.7687, 249.1677

■ 2.3884, 2.4936,
10.3047

181.7365,
190.8602, 301.3366

■ 0.8393, 0.8734,
5.4932

222.2954,

■ 0.0000, 0.0000,

233.4829, 360.3221

2.4757

268.4799,
282.0209, 426.5425

■ 0.0000, 0.0000,
0.8272

■ 0.0000, 0.0000,
0.0000

■ 36.0614, 37.8227,
75.9209

■ 36.0614, 37.8227,
75.9209

■ 30.8729, 31.8115,
75.0348

■ 42.2246, 44.6832,
76.9210

■ 26.5986, 26.6062,
74.2553

■ 49.4103, 52.4250,
78.0366

■ 23.1766, 22.1654,
73.5785

■ 57.6678, 61.0833,
79.2726

■ 20.5347, 18.4408,
72.9989

■ 67.0416, 70.6899,
80.6328

■ 18.5864, 15.3763,
72.5100

■ 77.5739, 81.2751,
82.1208

■ 17.6375, 13.7475,
72.2457

■ 87.2877, 91.8279,
83.6457

■ 90.4547, 98.1619,
84.7014

Harmonies

Analogous

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



31.3768, 37.8227, 70.6599



36.0614, 37.8227, 75.9209



41.1577, 37.8227, 70.2015

Triad

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



36.0614, 37.8227, 75.9209



45.0131, 37.8227, 28.5138



28.0970, 37.8227, 28.9506

Complementary

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



36.0614, 37.8227, 75.9209



51.2355, 50.8110, 26.8474

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.



31.2001, 37.8227, 21.5178



36.0614, 37.8227, 75.9209



40.9458, 37.8227, 21.3105

Square

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



36.0614, 37.8227, 75.9209



46.6153, 37.8227, 40.8627



35.8375, 37.8227, 19.0833



27.0487, 37.8227, 41.5039

Rectangle

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



36.0614, 37.8227, 75.9209



44.0356, 37.8227, 61.5595



35.8375, 37.8227, 19.0833



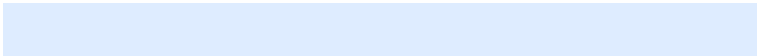
28.9190, 37.8227, 25.8859

Sweetspot

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



36.0627, 37.8241, 75.9218



78.1401, 82.7497, 106.4616



43.6564, 61.1061, 53.4987



16.1662, 17.1319, 22.7047



0.0000, 0.0000, 0.0000



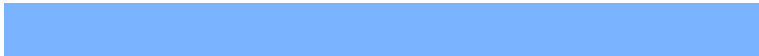
20.3446, 21.4041, 23.3091

Same Dimension

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



36.0627, 37.8241, 75.9218



42.2986, 43.7185, 100.8169



30.5162, 25.2538, 73.7878



13.4326, 14.2044, 17.4214



10.3753, 8.2201, 42.0882



0.8067, 0.7448, 2.9465

Inverse Universe

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



45.2704, 33.5976, 41.1461



56.4085, 38.5414, 47.2350



59.1767, 69.6419, 30.0635



13.9498, 13.7976, 15.5060



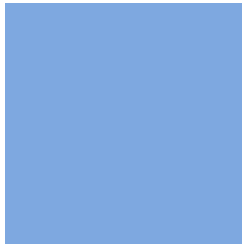
19.1772, 9.7379, 7.5986



1.3734, 0.6926, 0.7594

Previews

White Background



This preview shows how the XYZ color 36.0614, 37.8227, 75.9209 looks on a white background.

Color Contrast Check

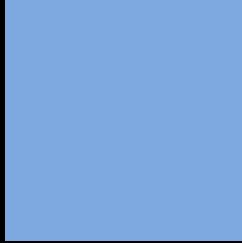
Large Text (above 18pt) WCAG AA × Fail

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 36.0614, 37.8227, 75.9209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

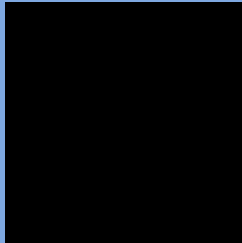
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

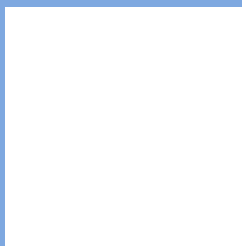
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0614, 37.8227, 75.9209

Background



This preview shows how black text looks on a background with the XYZ color 36.0614, 37.8227, 75.9209.

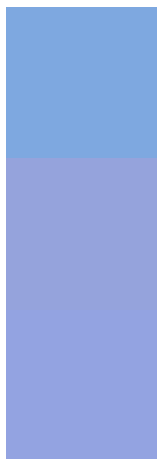


This preview shows how white text looks on a background with the XYZ color 36.0614, 37.8227,

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

36.0614, 37.8227, 75.9209

Protanopia

38.4099, 37.7513, 72.9724

Deuteranopia

38.7204, 37.8337, 76.4960



Tritanopia

31.7177, 38.0471, 53.8162

Trichromacy



Original Color

36.0614, 37.8227, 75.9209

Protanomaly

37.4908, 37.7934, 73.7255

Deuteranomaly

37.6932, 37.8355, 76.5505

Tritanomaly

33.1589, 37.7624, 61.4183

Monochromacy



Original Color

36.0614, 37.8227, 75.9209

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4268, 36.4433, 51.1187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0614, 37.8227, 75.9209 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(126, 168, 224)` looks like.

```
.text, #text, p{  
    color:rgb(126, 168, 224)  
}
```

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(126, 168, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 168, 224) }
```

Border

The CSS property to change the border of an element to XYZ 36.0614, 37.8227, 75.9209 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(126, 168, 224) }
```


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

```
.border{ border-color:rgb(126, 168, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 168, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 168, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 168, 224);  
box-shadow:4px 4px 4px 4px rgb(126, 168,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0614, 37.8227, 75.9209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 168, 224) }
```

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

```
.background{ background-color: rgb(126,  
168, 224) }
```

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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