

Converting Colors

XYZ(35.5631, 37.9017, 73.1514)

Have a look what the booklet for
XYZ(35.5631, 37.9017, 73.1514)
contains.

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Color

**XYZ(35.5637, 37.9032,
73.1518)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA9DC
RGB	125, 169, 220
RGB Percent	49%, 66%, 86%
CMY	0.5098, 0.3372, 0.1373
CMYK	0.43, 0.23, 0.00, 0.14
HSL	212°, 58%, 68%
HSV	212°, 43%, 86%
XYZ	35.5637, 37.9032, 73.1518
YIQ	161.6580, -42.5950, 6.5330

Conversions

Conversions Part 2

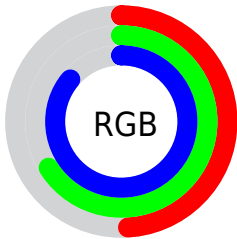
Format	Color
RYB	125, 155, 220
Decimal	8235484
CIELab	67.95, -1.55, -30.43
CIELCh	68, 30.466, 267.076
Yxy	37.9032, 0.2426, 0.2585
Android (android.graphics.Color)	4286425564 (0xFF7DA9DC)
YUV	161.6580, 28.7626, -32.1491
Hunter-Lab	61.5656, -4.6282, -27.3521

Details

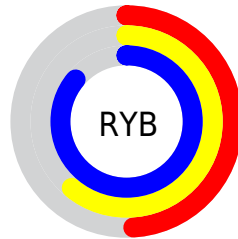
The XYZ color **35.5637, 37.9032, 73.1518** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **48.7433, 47.7483, 26.0508**, and the grayscale version is **34.0680, 35.8422, 39.0322**.

A 20% lighter version of the original color is **63.7617, 70.3551, 104.8270**, and **15.6786, 16.7413, 38.0023** is the 20% darker color. If you saturate the color by 10%, you get **30.6019, 32.2302, 72.3190**, and if you desaturate by 10%, it is **41.4378, 44.3427, 74.0858**.

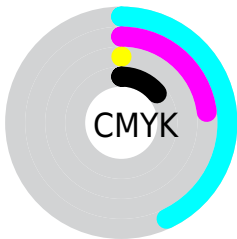
Distribution



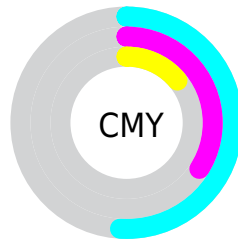
- Red (49%)
- Green (66%)
- Blue (86%)



- Red (49%)
- Yellow (61%)
- Blue (86%)



- Cyan (43%)
- Magenta (23%)
- Yellow (0%)
- Black (14%)



- Cyan (51%)
- Magenta (34%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5637, 37.9032, 73.1518 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 35.5637, 37.9032, 73.1518 by changing the saturation by 10% instead.

■ 35.5637, 37.9032,
73.1518

■ 35.5637, 37.9032,
73.1518

318.5141,
337.2045, 490.6256

■ 24.2660, 25.9076,
53.6075

■ 67.6864, 71.9597,
125.4156

■ 15.6568, 16.7545,
37.8969

■ 89.2421, 94.7894,
158.9722

■ 9.3710, 10.0596,
25.6015

■ 114.9478,
121.9993, 198.0367

■ 5.0430, 5.4385,
16.3027

145.1689,
153.9737, 243.0275

■ 2.3075, 2.5068,
9.5819

180.2707,
191.0970, 294.3633

■ 0.7985, 0.8800,
5.0207

220.6186,

■ 0.0000, 0.0000,

233.7537, 352.4625

2.2005

266.5780,
282.3280, 417.7438

■ 0.0000, 0.0000,
0.6746

■ 0.0000, 0.0000,
0.0000

■ 35.5637, 37.9032,
73.1518

■ 35.5637, 37.9032,
73.1518

■ 30.6019, 32.2302,
72.3190

■ 41.4378, 44.3427,
74.0858

■ 26.4959, 27.2845,
71.5808

■ 48.2685, 51.5768,
75.1221

■ 23.1882, 23.0291,
70.9338

■ 56.1018, 59.6369,
76.2651

■ 20.6116, 19.4210,
70.3731

■ 64.9791, 68.5517,
77.5179

■ 18.6860, 16.4100,
69.8934

■ 74.9397, 78.3479,
78.8838

■ 17.6595, 14.6495,
69.6077

■ 85.2792, 88.6689,
80.3310

■ 88.8674, 95.8454,
81.5271

■ 89.9184, 97.9474,
81.8774

Harmonies

Analogous

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



31.3028, 37.9032, 67.2382



35.5637, 37.9032, 73.1518



40.3286, 37.9032, 69.0955

Triad

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



35.5637, 37.9032, 73.1518



44.7509, 37.9032, 30.5081



28.9147, 37.9032, 28.6642

Complementary

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



35.5637, 37.9032, 73.1518



48.7433, 47.7483, 26.0508

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.



32.0406, 37.9032, 22.1428



35.5637, 37.9032, 73.1518



41.2015, 37.9032, 23.0322

Square

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



35.5637, 37.9032, 73.1518



45.8993, 37.9032, 42.6137



36.4920, 37.9032, 20.3311



27.6807, 37.9032, 39.9551

Rectangle

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



35.5637, 37.9032, 73.1518



43.1085, 37.9032, 61.6840



36.4920, 37.9032, 20.3311



29.7649, 37.9032, 25.9446

Sweetspot

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



35.5650, 37.9046, 73.1527



78.4715, 83.4123, 106.5720



41.8553, 58.6688, 50.0211



16.2477, 17.2950, 22.7319



0.0000, 0.0000, 0.0000



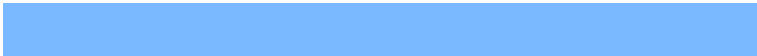
20.3446, 21.4041, 23.3091

Same Dimension

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



35.5650, 37.9046, 73.1527



43.2348, 45.5908, 101.1289



29.1804, 24.4382, 70.8899



12.8332, 13.6062, 16.6020



10.4731, 8.8157, 40.8880



0.7641, 0.7424, 2.6775

Inverse Universe

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



44.0114, 32.7488, 41.5390



56.8811, 38.7304, 49.7233



57.8615, 67.3941, 29.3622



13.3057, 13.1514, 14.8710



18.7817, 9.5137, 8.4963



1.2600, 0.6336, 0.7780

Previews

White Background



This preview shows how the XYZ color 35.5637, 37.9032, 73.1518 looks on a white background.

Color Contrast Check

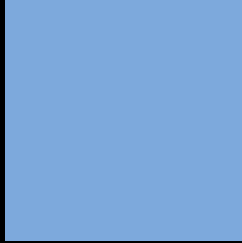
Large Text (above 18pt) WCAG AA × Fail

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 35.5637, 37.9032, 73.1518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

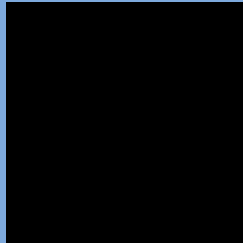
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5637, 37.9032, 73.1518

Background



This preview shows how black text looks on a background with the XYZ color 35.5637, 37.9032, 73.1518.

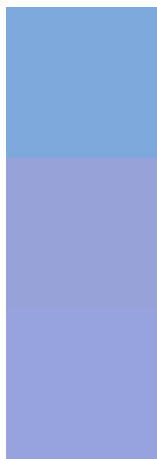


This preview shows how white text looks on a background with the XYZ color 35.5637, 37.9032,

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

35.5637, 37.9032, 73.1518

Protanopia

38.2544, 37.7316, 70.2324

Deuteranopia

38.7260, 37.8989, 73.6807



Tritanopia

31.7177, 38.0471, 53.8162

Trichromacy



Original Color

35.5637, 37.9032, 73.1518

Protanomaly

37.1348, 37.6708, 70.9596

Deuteranomaly

37.4908, 37.7934, 73.7255

Tritanomaly

32.9766, 37.9792, 60.2362

Monochromacy



Original Color

35.5637, 37.9032, 73.1518

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.3968, 36.7187, 50.0743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5637, 37.9032, 73.1518 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(125, 169, 220)` looks like.

```
.text, #text, p{  
    color:rgb(125, 169, 220)  
}
```

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(125, 169, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 169, 220) }
```

Border

The CSS property to change the border of an element to XYZ 35.5637, 37.9032, 73.1518 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(125, 169, 220) }
```


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

```
.border{ border-color:rgb(125, 169, 220) }
```

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

Here you see how a box with a 4 pixel rgb(125, 169, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 169, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 169, 220);  
box-shadow:4px 4px 4px 4px rgb(125, 169,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5637, 37.9032, 73.1518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 169, 220) }
```

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

```
.background{ background-color: rgb(125,  
169, 220) }
```

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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