

Converting Colors

XYZ(35.6131, 37.1934, 64.2413)

Have a look what the booklet for
XYZ(35.6131, 37.1934, 64.2413)
contains.

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Color

**XYZ(35.7139, 37.3529,
64.3590)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA6CF
RGB	140, 166, 207
RGB Percent	55%, 65%, 81%
CMY	0.4510, 0.3490, 0.1882
CMYK	0.32, 0.20, 0.00, 0.19
HSL	217°, 41%, 68%
HSV	217°, 32%, 81%
XYZ	35.7139, 37.3529, 64.3590
YIQ	162.9000, -28.6570, 7.2390

Conversions

Conversions Part 2

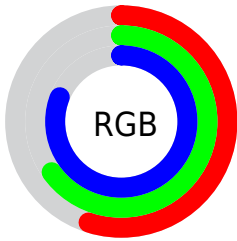
Format	Color
R_{YB}	140, 159, 207
Decimal	9217743
CIE _{Lab}	67.54, 0.71, -23.81
CIE _{LCh}	68, 23.821, 271.713
Yxy	37.3529, 0.2599, 0.2718
Android (android.graphics.Color)	4287407823 (0xFF8CA6CF)
YUV	162.9000, 21.7413, -20.0833
Hunter-Lab	61.1170, -2.6478, -19.6532

Details

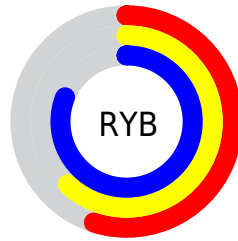
The XYZ color **35.7139, 37.3529, 64.3590** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **46.9902, 48.2070, 31.6402**, and the grayscale version is **34.6770, 36.4829, 39.7298**.

A 20% lighter version of the original color is **66.4121, 70.5350, 104.7221**, and **15.7916, 16.4092, 32.4720** is the 20% darker color. If you saturate the color by 10%, you get **30.3583, 31.3412, 63.4815**, and if you desaturate by 10%, it is **41.9548, 44.1594, 65.3445**.

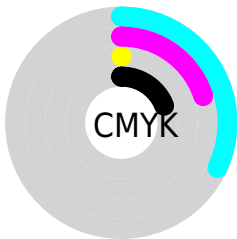
Distribution



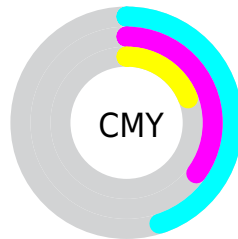
- Red (55%)
- Green (65%)
- Blue (81%)



- Red (55%)
- Yellow (62%)
- Blue (81%)



- Cyan (32%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)



- Cyan (45%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7139, 37.3529, 64.3590 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 35.7139, 37.3529, 64.3590 by changing the saturation by 10% instead.

■ 35.7139, 37.3529,
64.3590

■ 35.7139, 37.3529,
64.3590

319.1614,
334.8359, 458.7279

■ 24.3824, 25.4808,
46.4935

■ 67.9170, 71.1152,
112.7322

■ 15.7438, 16.4357,
32.2839

■ 89.5193, 93.7743,
144.0770

■ 9.4327, 9.8330,
21.3118

■ 115.2760,
120.7978, 180.7519

■ 5.0839, 5.2883,
13.1587

145.5523,
152.5701, 223.1756

■ 2.3318, 2.4174,
7.4059

180.7136,
189.4757, 271.7664

■ 0.8109, 0.8348,
3.6349

221.1254,

■ 0.0000, 0.0000,

231.8989, 326.9431

1.4273

267.1528,
280.2242, 389.1241

■ 0.0000, 0.0000,
0.1629

■ 0.0000, 0.0000,
0.0000

■ 35.7139, 37.3529,
64.3590

■ 35.7139, 37.3529,
64.3590

■ 30.3583, 31.3412,
63.4815

■ 41.9548, 44.1594,
65.3445

■ 25.8411, 26.0878,
62.7056

■ 49.1177, 51.7863,
66.4391

■ 22.1160, 21.5597,
62.0279

■ 57.2414, 60.2635,
67.6472

■ 19.1306, 17.7191,
61.4440

■ 66.3615, 69.6179,
68.9721

■ 16.8252, 14.5240,
60.9488

■ 76.5115, 79.8750,
70.4170

■ 15.1293, 11.9262,
60.5367

■ 84.2561, 89.2719,
71.8226

■ 14.1557, 10.2912,
60.2725

■ 88.1578, 97.0755,
73.1232

■ 88.2626, 97.2850,
73.1581

Harmonies

Analogous

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



32.2674, 37.3529, 61.1538



35.7139, 37.3529, 64.3590



39.3369, 37.3529, 60.3654

Triad

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



35.7139, 37.3529, 64.3590



41.8403, 37.3529, 30.9589



29.6527, 37.3529, 31.8383

Complementary

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



35.7139, 37.3529, 64.3590



46.9902, 48.2070, 31.6402

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.



31.9263, 37.3529, 25.8067



35.7139, 37.3529, 64.3590



38.9475, 37.3529, 25.3638

Square

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



35.7139, 37.3529, 64.3590



43.0216, 37.3529, 40.0706



35.2926, 37.3529, 23.6515



28.9155, 37.3529, 41.2773

Rectangle

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



35.7139, 37.3529, 64.3590



41.3255, 37.3529, 54.4987



35.2926, 37.3529, 23.6515



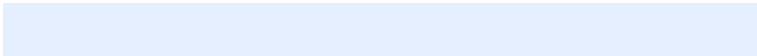
30.2545, 37.3529, 29.4055

Sweetspot

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



35.7151, 37.3544, 64.3599



81.5054, 85.9255, 106.8972



41.3875, 53.5053, 51.4340



17.0657, 17.9926, 22.8234



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.



35.7151, 37.3544, 64.3599



50.9973, 52.8910, 102.1289



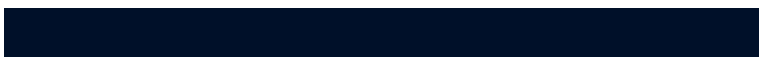
32.6204, 29.4376, 62.9949



11.5345, 12.1593, 14.9827



9.0042, 6.6550, 38.0025



0.5796, 0.5244, 2.1502

Inverse Universe

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



41.9941, 34.7758, 40.5770



62.8069, 48.7877, 57.2306



50.9468, 58.8406, 33.4842



11.9959, 11.8831, 13.2544



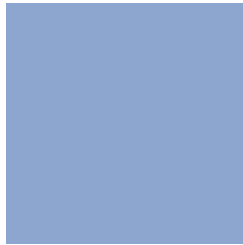
17.1756, 8.7431, 5.8311



0.9988, 0.5042, 0.5284

Previews

White Background



This preview shows how the XYZ color 35.7139, 37.3529, 64.3590 looks on a white background.

Color Contrast Check

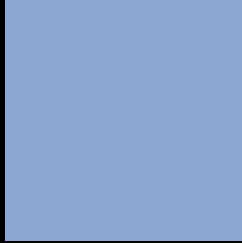
Large Text (above 18pt) WCAG AA × Fail

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 35.7139, 37.3529, 64.3590 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

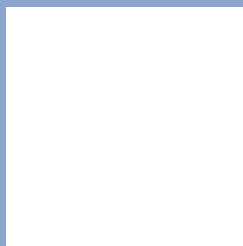
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.7139, 37.3529, 64.3590

Background



This preview shows how black text looks on a background with the XYZ color 35.7139, 37.3529, 64.3590.



This preview shows how white text looks on a background with the XYZ color 35.7139, 37.3529,

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

35.7139, 37.3529, 64.3590

Protanopia

37.1458, 37.0703, 62.3242

Deuteranopia

38.0347, 37.2119, 64.8525



Tritanopia

33.0181, 37.3610, 50.8186

Trichromacy



Original Color

35.7139, 37.3529, 64.3590

Protanomaly

36.5111, 36.9917, 62.9734

Deuteranomaly

37.2449, 37.3278, 64.9165

Tritanomaly

34.0189, 37.5001, 55.3144

Monochromacy



Original Color

35.7139, 37.3529, 64.3590

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.9297, 36.7742, 47.9050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7139, 37.3529, 64.3590 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(140, 166, 207)` looks like.

```
.text, #text, p{  
    color:rgb(140, 166, 207)  
}
```

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(140, 166, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 166, 207) }
```

Border

The CSS property to change the border of an element to XYZ 35.7139, 37.3529, 64.3590 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(140, 166, 207) }
```


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

```
.border{ border-color:rgb(140, 166, 207) }
```

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

Here you see how a box with a 4 pixel rgb(140, 166, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 166, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 166, 207);  
box-shadow:4px 4px 4px 4px rgb(140, 166,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7139, 37.3529, 64.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 166, 207) }
```

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

```
.background{ background-color: rgb(140,  
166, 207) }
```

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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