

Converting Colors

XYZ(35.7420, 35.3210, 85.0546)

Have a look what the booklet for
XYZ(35.7420, 35.3210, 85.0546)
contains.

XYZ(35.7420, 35.3210, 85.0546)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.7420, 35.3210,
85.0546)**

Conversions

Conversions Part 1

Format	Color
Hex	79A0ED
RGB	121, 160, 237
RGB Percent	47%, 63%, 93%
CMY	0.5255, 0.3725, 0.0706
CMYK	0.49, 0.32, 0.00, 0.07
HSL	220°, 76%, 70%
HSV	220°, 49%, 93%
XYZ	35.7420, 35.3210, 85.0546
YIQ	157.1170, -47.9610, 15.6790

Conversions

Conversions Part 2

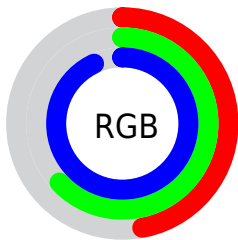
Format	Color
RYB	121, 150, 237
Decimal	7971053
CIELab	66.00, 7.46, -42.82
CIElCh	66, 43.463, 279.881
Yxy	35.3210, 0.2289, 0.2262
Android (android.graphics.Color)	4286161133 (0xFF79A0ED)
YUV	157.1170, 39.3823, -31.6746
Hunter-Lab	59.4315, 3.3446, -43.2501

Details

The XYZ color **35.7420, 35.3210, 85.0546** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **58.5717, 59.7750, 26.5414**, and the grayscale version is **31.9454, 33.6091, 36.6003**.

A 20% lighter version of the original color is **60.4567, 64.7781, 103.9248**, and **15.7957, 15.2976, 45.8363** is the 20% darker color. If you saturate the color by 10%, you get **30.2628, 28.7012, 84.0663**, and if you desaturate by 10%, it is **42.3847, 43.0542, 86.1978**.

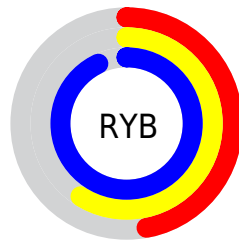
Distribution



Red (47%)

Green (63%)

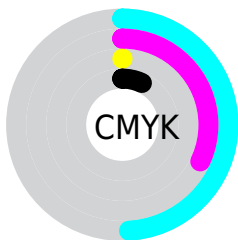
Blue (93%)



Red (47%)

Yellow (59%)

Blue (93%)

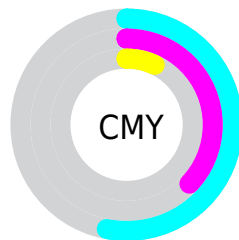


Cyan (49%)

Magenta (32%)

Yellow (0%)

Black (7%)



Cyan (53%)

Magenta (37%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7420, 35.3210, 85.0546 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 35.7420, 35.3210, 85.0546 by changing the saturation by 10% instead.

■ 35.7420, 35.3210,
85.0546

■ 35.7420, 35.3210,
85.0546

319.2824,
325.9829, 531.9580

■ 24.4042, 23.9103,
63.3361

■ 67.9601, 67.9828,
142.3243

■ 15.7601, 15.2671,
45.6704

■ 89.5712, 90.0025,
178.7126

■ 9.4443, 9.0070,
31.6390

■ 115.3373,
116.3275, 220.8278

■ 5.0915, 4.7458,
20.8234

145.6240,
147.3419, 269.0886

■ 2.3364, 2.0989,
12.8050

180.7965,
183.4303, 323.9135

■ 0.8132, 0.6640,
7.1653

221.2201,

■ 0.0000, 0.0000,

224.9770, 385.7210

3.4857

267.2603,
272.3664, 454.9297

■ 0.0000, 0.0000,
1.3476

■ 0.0000, 0.0000,
0.1004

■ 35.7420, 35.3210,
85.0546

■ 35.7420, 35.3210,
85.0546

■ 30.2628, 28.7012,
84.0663

■ 42.3847, 43.0542,
86.1978

■ 25.8695, 23.1338,
83.2233

■ 50.2538, 51.9494,
87.5000

■ 22.4804, 18.5572,
82.5185

■ 59.4122, 62.0569,
88.9683

■ 19.9990, 14.8998,
81.9434

■ 69.9169, 73.4224,
90.6084

■ 18.2854, 12.0664,
81.4868

■ 81.8217, 86.0894,
92.4259

■ 18.1314, 11.8049,
81.4444

■ 92.0937, 98.5095,
94.2818

■ 92.2862, 98.8945,
94.3460

Harmonies

Analogous

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



29.4890, 35.3210, 82.3039



35.7420, 35.3210, 85.0546



42.1554, 35.3210, 72.6040

Triad

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



35.7420, 35.3210, 85.0546



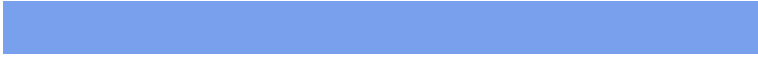
44.0007, 35.3210, 19.9040



23.2333, 35.3210, 27.5025

Complementary

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



35.7420, 35.3210, 85.0546



58.5717, 59.7750, 26.5414

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.



26.2400, 35.3210, 17.1560



35.7420, 35.3210, 85.0546



38.0145, 35.3210, 13.8421

Square

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



35.7420, 35.3210, 85.0546



47.3109, 35.3210, 32.6874



31.4908, 35.3210, 13.0296



22.7886, 35.3210, 44.8720

Rectangle

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



35.7420, 35.3210, 85.0546



45.4644, 35.3210, 59.1445



31.4908, 35.3210, 13.0296



23.9577, 35.3210, 23.2643

Sweetspot

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



35.7433, 35.3223, 85.0555



74.7793, 78.3100, 105.7818



48.1800, 68.6381, 63.1741



15.4600, 16.1685, 22.5560



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.



35.7433, 35.3223, 85.0555



35.5661, 33.6824, 99.2346



32.6724, 25.2283, 83.2690



14.6450, 15.3765, 19.1183



10.0074, 6.6617, 44.5014



0.8717, 0.6949, 3.5231

Inverse Universe

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



48.1087, 34.2188, 37.3281



52.1733, 33.6427, 34.8119



63.1307, 77.1030, 29.6458



15.2744, 15.1376, 16.7302



19.9065, 10.1653, 5.3092



1.6065, 0.8156, 0.6452

Previews

White Background



This preview shows how the XYZ color 35.7420, 35.3210, 85.0546 looks on a white background.

Color Contrast Check

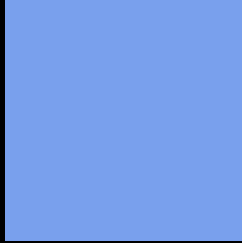
Large Text (above 18pt) WCAG AA × Fail

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 35.7420, 35.3210, 85.0546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

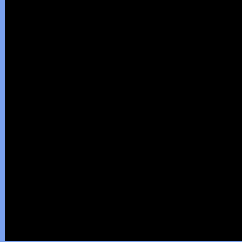
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7420, 35.3210, 85.0546

Background



This preview shows how black text looks on a background with the XYZ color 35.7420, 35.3210, 85.0546.



This preview shows how white text looks on a background with the XYZ color 35.7420, 35.3210,

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

35.7420, 35.3210, 85.0546

Protanopia

36.8839, 35.1804, 83.4438

Deuteranopia

36.2884, 35.3463, 85.0307



Tritanopia

28.8522, 35.2134, 50.6236

Trichromacy



Original Color

35.7420, 35.3210, 85.0546

Protanomaly

36.4204, 35.1770, 84.2272

Deuteranomaly

35.9964, 35.1958, 85.0170

Tritanomaly

30.9713, 34.9637, 61.6162

Monochromacy



Original Color

35.7420, 35.3210, 85.0546

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.5914, 33.9282, 51.2854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7420, 35.3210, 85.0546 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(121, 160, 237)` looks like.

```
.text, #text, p{  
    color:rgb(121, 160, 237)  
}
```

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(121, 160, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 160, 237) }
```

Border

The CSS property to change the border of an element to XYZ 35.7420, 35.3210, 85.0546 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(121, 160, 237) }
```


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

```
.border{ border-color:rgb(121, 160, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 160, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 160, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 160, 237);  
box-shadow:4px 4px 4px 4px rgb(121, 160,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7420, 35.3210, 85.0546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 160, 237) }
```

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

```
.background{ background-color: rgb(121,  
160, 237) }
```

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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