

Converting Colors

XYZ(35.7225, 34.9701, 65.8399)

Have a look what the booklet for
XYZ(35.7225, 34.9701, 65.8399)
contains.

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Color

**XYZ(35.7225, 34.9701,
65.8399)**

Conversions

Conversions Part 1

Format	Color
Hex	939DD2
RGB	147, 157, 210
RGB Percent	58%, 62%, 82%
CMY	0.4235, 0.3843, 0.1765
CMYK	0.30, 0.25, 0.00, 0.18
HSL	230°, 41%, 70%
HSV	230°, 30%, 82%
XYZ	35.7225, 34.9701, 65.8399
YIQ	160.0520, -22.9730, 14.3630

Conversions

Conversions Part 2

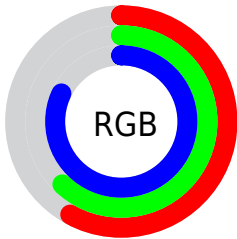
Format	Color
RYB	147, 156, 210
Decimal	9674194
CIELab	65.73, 8.57, -28.22
CIELCh	66, 29.490, 286.888
Yxy	34.9701, 0.2616, 0.2561
Android (android.graphics.Color)	4287864274 (0xFF939DD2)
YUV	160.0520, 24.6244, -11.4466
Hunter-Lab	59.1355, 4.3409, -24.6170

Details

The XYZ color **35.7225, 34.9701, 65.8399** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.4999, 57.1177, 35.8629**, and the grayscale version is **33.3362, 35.0723, 38.1937**.

A 20% lighter version of the original color is **65.7014, 66.3651, 103.9546**, and **15.6865, 15.0543, 33.0893** is the 20% darker color. If you saturate the color by 10%, you get **29.5190, 27.6518, 64.7549**, and if you desaturate by 10%, it is **43.0479, 43.5099, 67.1028**.

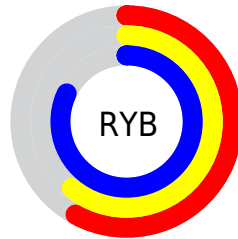
Distribution



Red (58%)

Green (62%)

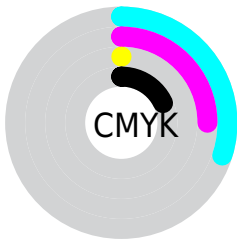
Blue (82%)



Red (58%)

Yellow (61%)

Blue (82%)

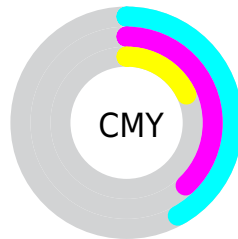


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (38%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7225, 34.9701, 65.8399 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 35.7225, 34.9701, 65.8399 by changing the saturation by 10% instead.

■ 35.7225, 34.9701,
65.8399

■ 35.7225, 34.9701,
65.8399

319.1984,
324.4363, 464.1927

■ 24.3891, 23.6398,
47.6868

■ 67.9302, 67.4394,
114.8813

■ 15.7488, 15.0667,
33.2207

■ 89.5352, 89.3473,
146.6067

■ 9.4363, 8.8662,
22.0231

115.2948,
115.5499, 183.6933

■ 5.0862, 4.6540,
13.6754

145.5742,
146.4315, 226.5596

■ 2.3332, 2.0457,
7.7591

180.7390,
182.3765, 275.6241

■ 0.8116, 0.6338,
3.8556

221.1544,

■ 0.0000, 0.0000,

223.7694, 331.3054

1.5465

267.1857,
270.9946, 394.0221

■ 0.0000, 0.0000,
0.2522

■ 0.0000, 0.0000,
0.0000

■ 35.7225, 34.9701,
65.8399

■ 35.7225, 34.9701,
65.8399

■ 29.5190, 27.6518,
64.7549

■ 43.0479, 43.5099,
67.1028

■ 24.3781, 21.4946,
63.8374

■ 51.5437, 53.3197,
68.5485

■ 20.2400, 16.4393,
63.0797

■ 61.2597, 64.4501,
70.1848

■ 17.0377, 12.4194,
62.4726

■ 72.2419, 76.9481,
72.0183

■ 14.6958, 9.3611,
62.0057

■ 84.5336, 90.8581,
74.0554

■ 13.1262, 7.1805,
61.6675

■ 88.6330, 97.4332,
75.1084

■ 12.1862, 5.7596,
61.4428

■ 12.1861, 5.7595,
61.4428

Harmonies

Analogous

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



31.3800, 34.9701, 66.4290



35.7225, 34.9701, 65.8399



39.7120, 34.9701, 56.8638

Triad

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



35.7225, 34.9701, 65.8399



39.2757, 34.9701, 23.1545



25.7528, 34.9701, 32.9064

Complementary

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



35.7225, 34.9701, 65.8399



52.4999, 57.1177, 35.8629

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.



27.5089, 34.9701, 23.9632



35.7225, 34.9701, 65.8399



35.1680, 34.9701, 19.2162

Square

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



35.7225, 34.9701, 65.8399



41.8827, 34.9701, 31.5451



30.8715, 34.9701, 19.4757



25.8731, 34.9701, 45.4524

Rectangle

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



35.7225, 34.9701, 65.8399



41.5221, 34.9701, 48.2529



30.8715, 34.9701, 19.4757



26.1363, 34.9701, 29.4420

Sweetspot

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



35.7237, 34.9715, 65.8407



81.2520, 84.1984, 106.5772



45.4472, 56.4439, 62.8380



16.9458, 17.5097, 22.7365



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.



35.7237, 34.9715, 65.8407



49.0702, 46.7775, 101.0504



38.2162, 33.8468, 65.4923



11.3131, 11.7164, 14.9089



7.4813, 3.6092, 37.4948



0.4670, 0.2993, 2.1127

Inverse Universe

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



43.0989, 37.0047, 36.7706



62.3857, 50.7306, 48.5031



49.3002, 59.0194, 36.3986



11.8842, 11.8384, 12.6658



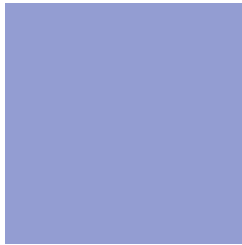
16.4069, 8.4356, 1.7831



0.9420, 0.4815, 0.2293

Previews

White Background



This preview shows how the XYZ color 35.7225, 34.9701, 65.8399 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 35.7225, 34.9701, 65.8399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

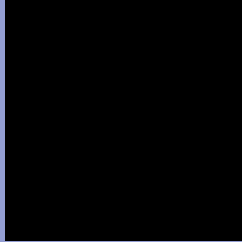
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7225, 34.9701, 65.8399

Background



This preview shows how black text looks on a background with the XYZ color 35.7225, 34.9701, 65.8399.



This preview shows how white text looks on a background with the XYZ color 35.7225, 34.9701,

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

35.7225, 34.9701, 65.8399

Protanopia

35.5368, 35.1266, 65.8799

Deuteranopia

35.7225, 34.9701, 65.8399



Tritanopia

31.7489, 34.9044, 46.1382

Trichromacy



Original Color

35.7225, 34.9701, 65.8399

Protanomaly

35.7138, 35.2179, 65.8882

Deuteranomaly

35.7225, 34.9701, 65.8399

Tritanomaly

33.1497, 34.9602, 52.5778

Monochromacy



Original Color

35.7225, 34.9701, 65.8399

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.9516, 34.9792, 47.0817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7225, 34.9701, 65.8399 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(147, 157, 210)` looks like.

```
.text, #text, p{  
    color:rgb(147, 157, 210)  
}
```

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(147, 157, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 157, 210) }
```

Border

The CSS property to change the border of an element to XYZ 35.7225, 34.9701, 65.8399 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(147, 157, 210) }
```


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

```
.border{ border-color:rgb(147, 157, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 157, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 157, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 157, 210);  
box-shadow:4px 4px 4px 4px rgb(147, 157,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7225, 34.9701, 65.8399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 157, 210) }
```

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

```
.background{ background-color: rgb(147,  
157, 210) }
```

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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