

Converting Colors

XYZ(34.5679, 34.8006, 69.0723)

Have a look what the booklet for
XYZ(34.5679, 34.8006, 69.0723)
contains.

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Color

**XYZ(34.6556, 34.8535,
69.1908)**

Conversions

Conversions Part 1

Format	Color
Hex	879FD7
RGB	135, 159, 215
RGB Percent	53%, 62%, 84%
CMY	0.4706, 0.3765, 0.1569
CMYK	0.37, 0.26, 0.00, 0.16
HSL	222°, 50%, 69%
HSV	222°, 37%, 84%
XYZ	34.6556, 34.8535, 69.1908
YIQ	158.2080, -32.2800, 12.3280

Conversions

Conversions Part 2

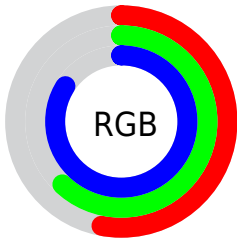
Format	Color
RYB	135, 153, 215
Decimal	8888279
CIELab	65.63, 5.33, -31.20
CIELCh	66, 31.649, 279.696
Yxy	34.8535, 0.2499, 0.2513
Android (android.graphics.Color)	4287078359 (0xFF879FD7)
YUV	158.2080, 27.9985, -20.3534
Hunter-Lab	59.0369, 1.4679, -28.1617

Details

The XYZ color **34.6556, 34.8535, 69.1908** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.0292, 53.4590, 30.5522**, and the grayscale version is **32.4822, 34.1738, 37.2152**.

A 20% lighter version of the original color is **63.3318, 66.2603, 104.0593**, and **15.1874, 15.0570, 35.3635** is the 20% darker color. If you saturate the color by 10%, you get **29.1070, 28.3828, 68.2349**, and if you desaturate by 10%, it is **41.2202, 42.3172, 70.2861**.

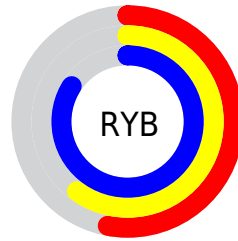
Distribution



Red (53%)

Green (62%)

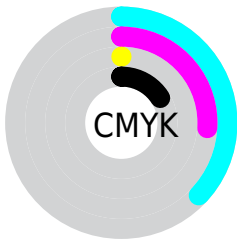
Blue (84%)



Red (53%)

Yellow (60%)

Blue (84%)

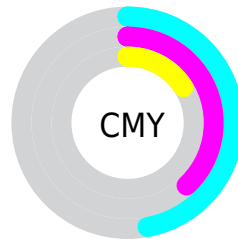


Cyan (37%)

Magenta (26%)

Yellow (0%)

Black (16%)



Cyan (47%)

Magenta (38%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6556, 34.8535, 69.1908 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 34.6556, 34.8535, 69.1908 by changing the saturation by 10% instead.

■ 34.6556, 34.8535,
69.1908

■ 34.6556, 34.8535,
69.1908

314.5803,
323.9212, 476.4158

■ 23.5630, 23.5500,
50.3944

■ 66.2894, 67.2588,
119.7243

■ 15.1327, 15.0002,
35.3535

■ 87.5614, 89.1293,
152.2985

■ 8.9995, 8.8195,
23.6496

■ 112.9571,
115.2911, 190.3024

■ 4.7980, 4.6236,
14.8641

142.8420,
146.1284, 234.1545

■ 2.1627, 2.0282,
8.5785

177.5814,
182.0257, 284.2733

■ 0.7230, 0.6238,
4.3743

217.5407,

■ 0.0000, 0.0000,

223.3673, 341.0774

1.8328

263.0852,
270.5377, 404.9854

■ 0.0000, 0.0000,
0.4495

■ 0.0000, 0.0000,
0.0000

■ 34.6556, 34.8535,
69.1908

■ 34.6556, 34.8535,
69.1908

■ 29.1070, 28.3828,
68.2349

■ 41.2202, 42.3172,
70.2861

■ 24.5173, 22.8567,
67.4102

■ 48.8466, 50.8113,
71.5237

■ 20.8288, 18.2287,
66.7113

■ 57.5823, 60.3761,
72.9094

■ 17.9758, 14.4457,
66.1315

■ 67.4705, 71.0483,
74.4482

■ 15.8824, 11.4486,
65.6633

■ 78.5521, 82.8629,
76.1446

■ 14.4509, 9.1648,
65.2979

■ 87.4754, 94.1054,
77.8443

■ 14.1276, 8.6298,
65.2117

■ 89.2659, 97.6863,
78.4411

Harmonies

Analogous

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



30.1212, 34.8535, 67.3786



34.6556, 34.8535, 69.1908



39.1709, 34.8535, 61.2524

Triad

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



34.6556, 34.8535, 69.1908



40.4922, 34.8535, 23.8343



25.4310, 34.8535, 29.7412

Complementary

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



34.6556, 34.8535, 69.1908



51.0292, 53.4590, 30.5522

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.



27.7395, 34.8535, 21.4630



34.6556, 34.8535, 69.1908



36.3269, 34.8535, 18.6473

Square

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



34.6556, 34.8535, 69.1908



42.7427, 34.8535, 33.7992



31.6444, 34.8535, 17.8949



25.0741, 34.8535, 42.4264

Rectangle

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



34.6556, 34.8535, 69.1908



41.4595, 34.8535, 52.3884



31.6444, 34.8535, 17.8949



25.9935, 34.8535, 26.4421

Sweetspot

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



34.6568, 34.8548, 69.1916



79.5257, 83.1686, 106.4694



43.6971, 57.5142, 58.0895



16.6431, 17.3872, 22.7288



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.



34.6568, 34.8548, 69.1916



44.1742, 43.3508, 100.6470



33.6935, 28.8150, 68.0766



12.0433, 12.6100, 15.7367



8.5314, 5.3245, 39.0312



0.5865, 0.4650, 2.3781

Inverse Universe

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



42.9474, 34.2795, 37.1552



58.3606, 43.1717, 45.6473



52.2277, 62.4930, 32.2327



12.5751, 12.4815, 13.7025



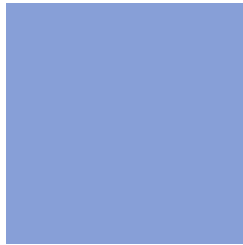
17.3651, 8.8824, 3.9607



1.0837, 0.5503, 0.4300

Previews

White Background



This preview shows how the XYZ color 34.6556, 34.8535, 69.1908 looks on a white background.

Color Contrast Check

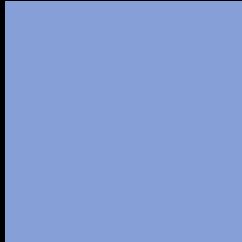
Large Text (above 18pt) WCAG AA × Fail

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 34.6556, 34.8535, 69.1908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

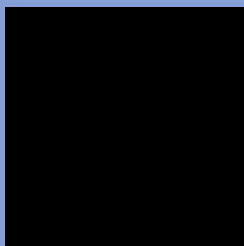
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6556, 34.8535, 69.1908

Background



This preview shows how black text looks on a background with the XYZ color 34.6556, 34.8535, 69.1908.



This preview shows how white text looks on a background with the XYZ color 34.6556, 34.8535,

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

34.6556, 34.8535, 69.1908

Protanopia

35.5223, 34.8086, 68.4648

Deuteranopia

35.6504, 34.8599, 69.1396



Tritanopia

30.3771, 34.9627, 47.7953

Trichromacy



Original Color

34.6556, 34.8535, 69.1908

Protanomaly

35.1797, 34.8842, 68.4975

Deuteranomaly

35.3078, 34.9355, 69.1723

Tritanomaly

31.6649, 34.6673, 54.8917

Monochromacy



Original Color

34.6556, 34.8535, 69.1908

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.9412, 34.1924, 47.5114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6556, 34.8535, 69.1908 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(135, 159, 215)` looks like.

```
.text, #text, p{  
    color:rgb(135, 159, 215)  
}
```

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(135, 159, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 159, 215) }
```

Border

The CSS property to change the border of an element to XYZ 34.6556, 34.8535, 69.1908 is called "border". The border property can be set on classes, ids or directly on the HTML element.

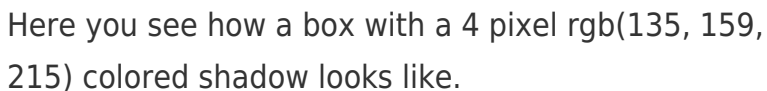
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 159, 215) }
```


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

```
.border{ border-color:rgb(135, 159, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 159, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 159, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 159, 215); box-shadow:4px 4px 4px 4px rgb(135, 159, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6556, 34.8535, 69.1908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 159, 215) }
```

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

```
.background{ background-color: rgb(135,  
159, 215) }
```

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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