

Converting Colors

XYZ(34.3783, 35.1778, 53.6104)

Have a look what the booklet for
XYZ(34.3783, 35.1778, 53.6104)
contains.

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Color

**XYZ(34.2701, 34.9980,
53.6643)**

Conversions

Conversions Part 1

Format	Color
Hex	969FBE
RGB	150, 159, 190
RGB Percent	59%, 62%, 75%
CMY	0.4118, 0.3765, 0.2549
CMYK	0.21, 0.16, 0.00, 0.25
HSL	226°, 24%, 67%
HSV	226°, 21%, 75%
XYZ	34.2701, 34.9980, 53.6643
YIQ	159.8430, -15.3150, 7.7330

Conversions

Conversions Part 2

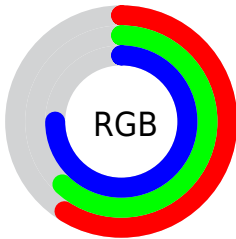
Format	Color
RYB	150, 157, 190
Decimal	9871294
CIELab	65.75, 3.52, -17.04
CIELCh	66, 17.397, 281.658
Yxy	34.9980, 0.2788, 0.2847
Android (android.graphics.Color)	4288061374 (0xFF969FBE)
YUV	159.8430, 14.8674, -8.6323
Hunter-Lab	59.1591, -0.1257, -12.3717

Details

The XYZ color **34.2701, 34.9980, 53.6643** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.2645, 46.1971, 35.4918**, and the grayscale version is **33.2810, 35.0142, 38.1304**.

A 20% lighter version of the original color is **65.8580, 67.7261, 96.7901**, and **15.0235, 15.1839, 25.8059** is the 20% darker color. If you saturate the color by 10%, you get **28.6703, 28.5743, 52.7201**, and if you desaturate by 10%, it is **40.7406, 42.3201, 54.7371**.

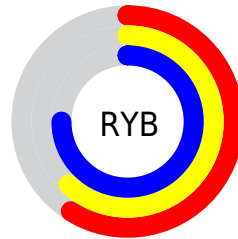
Distribution



Red (59%)

Green (62%)

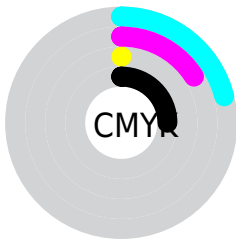
Blue (75%)



Red (59%)

Yellow (62%)

Blue (75%)

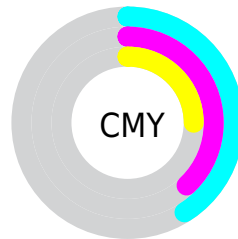


Cyan (21%)

Magenta (16%)

Yellow (0%)

Black (25%)



Cyan (41%)

Magenta (38%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2701, 34.9980, 53.6643 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 34.2701, 34.9980, 53.6643 by changing the saturation by 10% instead.

■ 34.2701, 34.9980,
53.6643

■ 34.2701, 34.9980,
53.6643

312.8995,
324.5595, 417.9670

■ 23.2650, 23.6613,
37.9420

■ 65.6950, 67.4827,
97.0326

■ 14.9111, 15.0826,
25.6362

■ 86.8455, 89.3995,
125.5157

■ 8.8429, 8.8774,
16.3283

112.1086,
115.6118, 159.0894

■ 4.6952, 4.6613,
9.5999

141.8496,
146.5039, 198.1723

■ 2.1024, 2.0499,
5.0324

176.4338,
182.4604, 243.1830

■ 0.6905, 0.6362,
2.2072

216.2266,

■ 0.0000, 0.0000,

223.8656, 294.5400

0.6785

261.5934,
271.1038, 352.6618

■ 0.0000, 0.0000,
0.0000

■ 34.2701, 34.9980,
53.6643

■ 34.2701, 34.9980,
53.6643

■ 28.6703, 28.5743,
52.7201

■ 40.7406, 42.3201,
54.7371

■ 23.9002, 23.0096,
51.8974

■ 48.1140, 50.5694,
55.9408

■ 19.9201, 18.2677,
51.1919

■ 56.4249, 59.7789,
57.2804

■ 16.6859, 14.3083,
50.5981

■ 65.7050, 69.9785,
58.7600

■ 14.1486, 11.0872,
50.1101

■ 75.9846, 81.1968,
60.3835

■ 12.2535, 8.5558,
49.7214

■ 83.9023, 91.7135,
61.9962

■ 10.9365, 6.6587,
49.4247

■ 86.2944, 96.4978,
62.7935

■ 10.1494, 5.4279,
49.2286

Harmonies

Analogous

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



31.7380, 34.9980, 53.1311



34.2701, 34.9980, 53.6643



36.6481, 34.9980, 49.6514

Triad

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



34.2701, 34.9980, 53.6643



37.0831, 34.9980, 29.4762



28.8036, 34.9980, 33.8366

Complementary

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



34.2701, 34.9980, 53.6643



43.2645, 46.1971, 35.4918

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.



30.0959, 34.9980, 28.5068



34.2701, 34.9980, 53.6643



34.8393, 34.9980, 26.2211

Square

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



34.2701, 34.9980, 53.6643



38.3270, 34.9980, 35.3261



32.2789, 34.9980, 25.8906



28.6687, 34.9980, 41.0299

Rectangle

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



34.2701, 34.9980, 53.6643



37.7921, 34.9980, 45.2059



32.2789, 34.9980, 25.8906



29.1138, 34.9980, 31.7929

Sweetspot

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



34.2712, 34.9994, 53.6651



80.2387, 83.8820, 100.2409



39.2982, 46.6342, 50.4677



17.4267, 18.2037, 21.9805



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.2712, 34.9994, 53.6651



57.4961, 58.1593, 96.4746



34.8323, 33.0738, 53.2638



9.1860, 9.5643, 12.0342



6.7983, 3.7084, 32.7504



0.3168, 0.2463, 1.2997

Inverse Universe

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



38.4005, 35.2640, 37.5851



66.2963, 58.8940, 62.1673



42.5868, 48.6531, 36.0015



9.6157, 9.5706, 10.3655



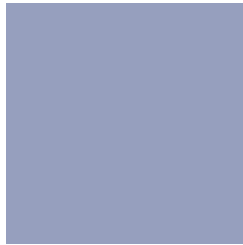
14.4323, 7.4041, 2.3039



0.5908, 0.3002, 0.2245

Previews

White Background



This preview shows how the XYZ color 34.2701, 34.9980, 53.6643 looks on a white background.

Color Contrast Check

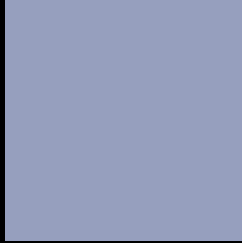
Large Text (above 18pt) WCAG AA × Fail

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 34.2701, 34.9980, 53.6643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

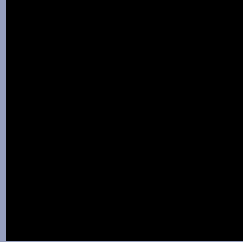
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2701, 34.9980, 53.6643

Background



This preview shows how black text looks on a background with the XYZ color 34.2701, 34.9980, 53.6643.



This preview shows how white text looks on a background with the XYZ color 34.2701, 34.9980,

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

34.2701, 34.9980, 53.6643

Protanopia

34.5490, 34.9001, 53.0596

Deuteranopia

35.7896, 35.0121, 54.1619



Tritanopia

32.6908, 35.1389, 45.6169

Trichromacy



Original Color

34.2701, 34.9980, 53.6643

Protanomaly

34.3611, 34.8032, 53.0508

Deuteranomaly

35.1712, 34.9434, 54.1813

Tritanomaly

33.1958, 35.0809, 48.2017

Monochromacy



Original Color

34.2701, 34.9980, 53.6643

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.6318, 35.1498, 43.5401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2701, 34.9980, 53.6643 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(150, 159, 190)` looks like.

```
.text, #text, p{  
    color:rgb(150, 159, 190)  
}
```

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(150, 159, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 159, 190) }
```

Border

The CSS property to change the border of an element to XYZ 34.2701, 34.9980, 53.6643 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(150, 159, 190) }
```


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

```
.border{ border-color:rgb(150, 159, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 159, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 159, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 159, 190); box-shadow:4px 4px 4px 4px rgb(150, 159, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2701, 34.9980, 53.6643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 159, 190) }
```

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

```
.background{ background-color: rgb(150,  
159, 190) }
```

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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