

Converting Colors

XYZ(34.6493, 33.1597, 69.5408)

Have a look what the booklet for
XYZ(34.6493, 33.1597, 69.5408)
contains.

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Color

**XYZ(34.6074, 33.0771,
69.5263)**

Conversions

Conversions Part 1

Format	Color
Hex	8D98D8
RGB	141, 152, 216
RGB Percent	55%, 60%, 85%
CMY	0.4470, 0.4039, 0.1529
CMYK	0.35, 0.30, 0.00, 0.15
HSL	231°, 49%, 70%
HSV	231°, 35%, 85%
XYZ	34.6074, 33.0771, 69.5263
YIQ	156.0070, -27.1000, 17.5720

Conversions

Conversions Part 2

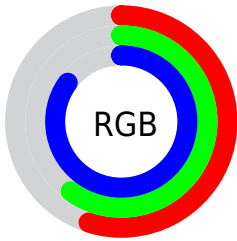
Format	Color
RYB	141, 151, 216
Decimal	9279704
CIELab	64.22, 11.25, -33.91
CIELCh	64, 35.724, 288.351
Yxy	33.0771, 0.2522, 0.2411
Android (android.graphics.Color)	4287469784 (0xFF8D98D8)
YUV	156.0070, 29.5765, -13.1611
Hunter-Lab	57.5127, 6.7625, -31.4160

Details

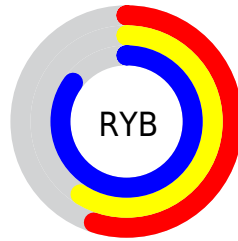
The XYZ color **34.6074, 33.0771, 69.5263** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.9587, 60.1853, 33.9208**, and the grayscale version is **31.4849, 33.1246, 36.0727**.

A 20% lighter version of the original color is **62.8863, 63.0984, 103.4725**, and **15.1112, 13.9553, 35.6154** is the 20% darker color. If you saturate the color by 10%, you get **28.5239, 25.8403, 68.4507**, and if you desaturate by 10%, it is **41.8743, 41.6154, 70.7920**.

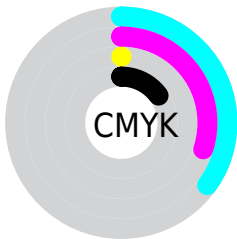
Distribution



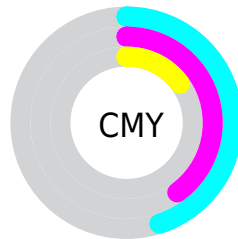
- Red (55%)
- Green (60%)
- Blue (85%)



- Red (55%)
- Yellow (59%)
- Blue (85%)



- Cyan (35%)
- Magenta (30%)
- Yellow (0%)
- Black (15%)



- Cyan (45%)
- Magenta (40%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6074, 33.0771, 69.5263 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 34.6074, 33.0771, 69.5263 by changing the saturation by 10% instead.

■ 34.6074, 33.0771,
69.5263

■ 34.6074, 33.0771,
69.5263

314.3705,
315.9970, 477.6291

■ 23.5257, 22.1855,
50.6660

■ 66.2152, 64.4959,
120.2077

■ 15.1050, 13.9933,
35.5680

■ 87.4719, 85.7919,
152.8660

■ 8.9799, 8.1160,
23.8137

112.8511,
111.3248, 190.9607

■ 4.7851, 4.1693,
14.9846

142.7180,
141.4790, 234.9103

■ 2.1552, 1.7687,
8.6620

177.4381,
176.6390, 285.1334

■ 0.7190, 0.4675,
4.4276

217.3766,

■ 0.0000, 0.0000,

217.1890, 342.0486

1.8627

262.8989,
263.5136, 406.0743

■ 0.0000, 0.0000,
0.4689

■ 0.0000, 0.0000,
0.0000

■ 34.6074, 33.0771,
69.5263

■ 34.6074, 33.0771,
69.5263

■ 28.5239, 25.8403,
68.4507

■ 41.8743, 41.6154,
70.7920

■ 23.5572, 19.8368,
67.5537

■ 50.3797, 51.5114,
72.2538

■ 19.6391, 14.9981,
66.8262

■ 60.1792, 62.8223,
73.9205

■ 16.6926, 11.2469,
66.2575

■ 71.3240, 75.6010,
75.7997

■ 14.6297, 8.4966,
65.8353

■ 83.8627, 89.8978,
77.8984

■ 13.3454, 6.6463,
65.5459

■ 89.3948, 97.7379,
79.1201

■ 12.9028, 5.9738,
65.4394

Harmonies

Analogous

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



29.5120, 33.0771, 70.8435



34.6074, 33.0771, 69.5263



39.2963, 33.0771, 57.9264

Triad

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



34.6074, 33.0771, 69.5263



38.3692, 33.0771, 18.9285



22.8285, 33.0771, 30.6693

Complementary

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



34.6074, 33.0771, 69.5263



54.9587, 60.1853, 33.9208

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.



24.7054, 33.0771, 20.4709



34.6074, 33.0771, 69.5263



33.4476, 33.0771, 15.0147

Square

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



34.6074, 33.0771, 69.5263



41.6239, 33.0771, 27.9246



28.4697, 33.0771, 15.4908



23.0675, 33.0771, 45.5349

Rectangle

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



34.6074, 33.0771, 69.5263



41.3930, 33.0771, 47.3228



28.4697, 33.0771, 15.4908



23.2239, 33.0771, 26.6699

Sweetspot

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



34.6085, 33.0784, 69.5271



79.7298, 82.3743, 106.3054



46.5306, 59.1710, 66.5690



16.6385, 17.1383, 22.6810



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.



34.6085, 33.0784, 69.5271



43.4502, 39.9176, 100.0225



37.9098, 32.2516, 69.1935



11.8881, 12.2997, 15.6850



7.6853, 3.6323, 38.7492



0.5115, 0.3150, 2.3532

Inverse Universe

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



43.5122, 35.9168, 34.3464



58.4798, 45.0747, 40.5549



50.5373, 61.9506, 34.4945



12.4967, 12.4502, 13.2901



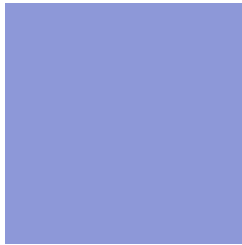
16.9380, 8.7115, 1.7118



1.0458, 0.5351, 0.2307

Previews

White Background



This preview shows how the XYZ color 34.6074, 33.0771, 69.5263 looks on a white background.

Color Contrast Check

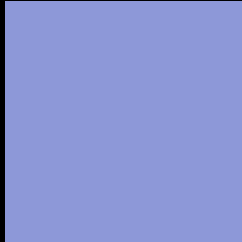
Large Text (above 18pt) WCAG AA × Fail

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 34.6074, 33.0771, 69.5263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

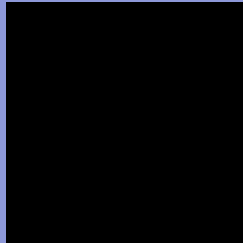
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6074, 33.0771, 69.5263

Background



This preview shows how black text looks on a background with the XYZ color 34.6074, 33.0771, 69.5263.



This preview shows how white text looks on a background with the XYZ color 34.6074, 33.0771,

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

34.6074, 33.0771, 69.5263

Protanopia

34.0690, 33.0265, 70.2248

Deuteranopia

34.1036, 33.3033, 69.5965



Tritanopia

29.4737, 32.9840, 44.3483

Trichromacy



Original Color

34.6074, 33.0771, 69.5263

Protanomaly

34.3969, 33.1955, 70.2401

Deuteranomaly

34.2671, 33.1436, 69.5570

Tritanomaly

31.2340, 32.9390, 52.8558

Monochromacy



Original Color

34.6074, 33.0771, 69.5263

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5197, 33.2364, 46.8208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6074, 33.0771, 69.5263 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(141, 152, 216)` looks like.

```
.text, #text, p{  
    color:rgb(141, 152, 216)  
}
```

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(141, 152, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 152, 216) }
```

Border

The CSS property to change the border of an element to XYZ 34.6074, 33.0771, 69.5263 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(141, 152, 216) }
```


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

```
.border{ border-color:rgb(141, 152, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 152, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 152, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 152, 216);  
box-shadow:4px 4px 4px 4px rgb(141, 152,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6074, 33.0771, 69.5263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 152, 216) }
```

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

```
.background{ background-color: rgb(141,  
152, 216) }
```

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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