

Converting Colors

XYZ(34.4635, 34.3074, 66.4344)

Have a look what the booklet for
XYZ(34.4635, 34.3074, 66.4344)
contains.

XYZ(34.4623, 34.3061, 66.4334)	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(34.4623, 34.3061,
66.4334)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9DD3
RGB	139, 157, 211
RGB Percent	55%, 62%, 83%
CMY	0.4549, 0.3843, 0.1725
CMYK	0.34, 0.26, 0.00, 0.17
HSL	225°, 45%, 69%
HSV	225°, 34%, 83%
XYZ	34.4623, 34.3061, 66.4334
YIQ	157.7740, -28.0620, 12.9780

Conversions

Conversions Part 2

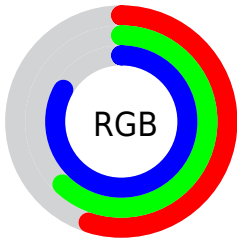
Format	Color
R _Y B	139, 153, 211
Decimal	9149907
CIE Lab	65.20, 6.52, -29.62
CIE LCh	65, 30.331, 282.407
Yxy	34.3061, 0.2549, 0.2537
Android (android.graphics.Color)	4287339987 (0xFF8B9DD3)
YUV	157.7740, 26.2404, -16.4648
Hunter-Lab	58.5714, 2.5260, -26.2485

Details

The XYZ color **34.4623, 34.3061, 66.4334** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.5948, 53.8535, 32.1554**, and the grayscale version is **32.2921, 33.9738, 36.9974**.

A 20% lighter version of the original color is **63.5924, 65.2779, 103.8560**, and **14.9925, 14.6868, 33.4971** is the 20% darker color. If you saturate the color by 10%, you get **28.7672, 27.6503, 65.4495**, and if you desaturate by 10%, it is **41.1864, 42.0086, 67.5663**.

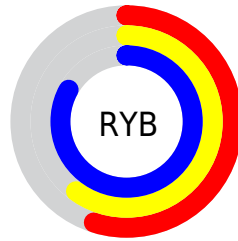
Distribution



Red (55%)

Green (62%)

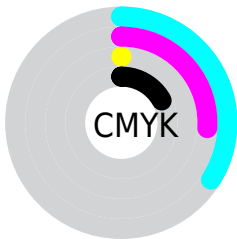
Blue (83%)



Red (55%)

Yellow (60%)

Blue (83%)

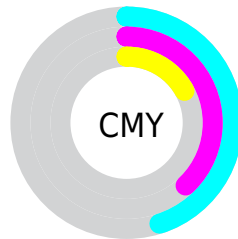


Cyan (34%)

Magenta (26%)

Yellow (0%)

Black (17%)



Cyan (45%)

Magenta (38%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4623, 34.3061, 66.4334 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 34.4623, 34.3061, 66.4334 by changing the saturation by 10% instead.

■ 34.4623, 34.3061,
66.4334

■ 34.4623, 34.3061,
66.4334

313.7383,
321.4948, 466.3717

■ 23.4135, 23.1289,
48.1656

■ 65.9915, 66.4094,
115.7411

■ 15.0215, 14.6887,
33.5971

■ 87.2026, 88.1042,
147.6181

■ 8.9209, 8.6012,
22.3094

■ 112.5319,
114.0737, 184.8685

■ 4.7463, 4.4820,
13.8840

142.3447,
144.7023, 227.9110

■ 2.1324, 1.9467,
7.9022

177.0064,
180.3742, 277.1640

■ 0.7068, 0.5762,
3.9455

216.8823,

■ 0.0000, 0.0000,

221.4741, 333.0461

1.5955

262.3378,
268.3861, 395.9758

■ 0.0000, 0.0000,
0.2876

■ 0.0000, 0.0000,
0.0000

■ 34.4623, 34.3061,
66.4334

■ 34.4623, 34.3061,
66.4334

■ 28.7672, 27.6503,
65.4495

■ 41.1864, 42.0086,
67.5663

■ 24.0452, 21.9906,
64.6059

■ 48.9847, 50.7976,
68.8518

■ 20.2401, 17.2779,
63.8968

■ 57.9039, 60.7153,
70.2960

■ 17.2883, 13.4570,
63.3149

■ 67.9866, 71.8007,
71.9043

■ 15.1172, 10.4664,
62.8521

■ 79.2733, 84.0908,
73.6816

■ 13.6409, 8.2354,
62.4993

■ 87.7934, 95.5541,
75.4452

■ 13.0198, 7.2269,
62.3373

■ 88.7580, 97.4832,
75.7667

Harmonies

Analogous

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



30.1113, 34.3061, 65.6024



34.4623, 34.3061, 66.4334



38.6641, 34.3061, 58.2989

Triad

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



34.4623, 34.3061, 66.4334



39.2749, 34.3061, 23.2570



25.1758, 34.3061, 30.4858

Complementary

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



34.4623, 34.3061, 66.4334



50.5948, 53.8535, 32.1554

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.



27.2179, 34.3061, 22.1428



34.4623, 34.3061, 66.4334



35.2367, 34.3061, 18.6622

Square

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



34.4623, 34.3061, 66.4334



41.6060, 34.3061, 32.3766



30.8194, 34.3061, 18.3065



25.0091, 34.3061, 42.8160

Rectangle

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



34.4623, 34.3061, 66.4334



40.7112, 34.3061, 49.7642



30.8194, 34.3061, 18.3065



25.6566, 34.3061, 27.1995

Sweetspot

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



34.4635, 34.3074, 66.4342



80.4824, 83.8795, 106.5562



43.4349, 55.8752, 58.2497



16.8193, 17.4998, 22.7413



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.



34.4635, 34.3074, 66.4342



46.3516, 45.0287, 100.8562



34.6632, 30.2175, 65.6342



11.4004, 11.8911, 14.9380



7.9266, 4.4997, 37.6432



0.5075, 0.3801, 2.1262

Inverse Universe

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



42.1834, 34.7496, 36.3837



60.1131, 46.3745, 47.1631



50.2548, 59.9492, 33.3499



11.9282, 11.8560, 12.8980



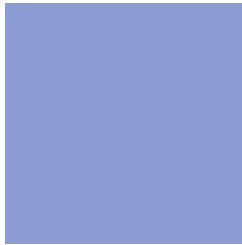
16.6317, 8.5255, 2.9667



0.9624, 0.4897, 0.3367

Previews

White Background



This preview shows how the XYZ color 34.4623, 34.3061, 66.4334 looks on a white background.

Color Contrast Check

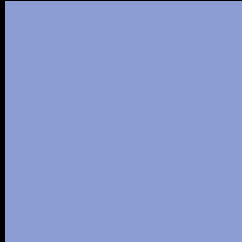
Large Text (above 18pt) WCAG AA × Fail

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 34.4623, 34.3061, 66.4334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

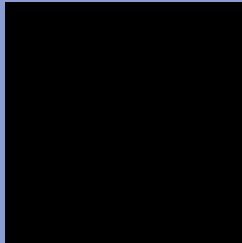
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4623, 34.3061, 66.4334

Background



This preview shows how black text looks on a background with the XYZ color 34.4623, 34.3061, 66.4334.



This preview shows how white text looks on a background with the XYZ color 34.4623, 34.3061,

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

34.4623, 34.3061, 66.4334

Protanopia

34.8490, 34.2697, 65.7507

Deuteranopia

35.1479, 34.4094, 66.4172



Tritanopia

30.2937, 34.1543, 46.0701

Trichromacy



Original Color

34.4623, 34.3061, 66.4334

Protanomaly

34.6767, 34.1809, 65.7427

Deuteranomaly

34.8017, 34.2309, 66.4010

Tritanomaly

31.7617, 34.2322, 53.0776

Monochromacy



Original Color

34.4623, 34.3061, 66.4334

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.9252, 34.2074, 46.4623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4623, 34.3061, 66.4334 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(139, 157, 211)` looks like.

```
.text, #text, p{  
    color:rgb(139, 157, 211)  
}
```

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(139, 157, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 157, 211) }
```

Border

The CSS property to change the border of an element to XYZ 34.4623, 34.3061, 66.4334 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(139, 157, 211) }
```


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

```
.border{ border-color:rgb(139, 157, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 157, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 157, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 157, 211);  
box-shadow:4px 4px 4px 4px rgb(139, 157,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4623, 34.3061, 66.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 157, 211) }
```

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

```
.background{ background-color: rgb(139,  
157, 211) }
```

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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