

Converting Colors

XYZ(36.2563, 40.5542, 99.6828)

Have a look what the booklet for
XYZ(36.2563, 40.5542, 99.6828)
contains.

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Color

**XYZ(36.2563, 40.5542,
99.6828)**

Conversions

Conversions Part 1

Format	Color
Hex	42B3FE
RGB	66, 179, 254
RGB Percent	26%, 70%, 100%
CMY	0.7411, 0.2980, 0.0039
CMYK	0.74, 0.30, 0.00, 0.00
HSL	204°, 99%, 63%
HSV	204°, 74%, 100%
XYZ	36.2563, 40.5542, 99.6828
YIQ	153.7630, -91.4230, -0.6310

Conversions

Conversions Part 2

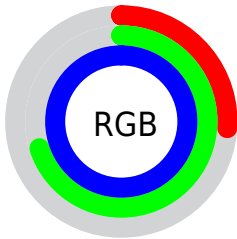
Format	Color
RYB	66, 137, 254
Decimal	4371454
CIELab	69.86, -7.48, -46.16
CIELCh	70, 46.763, 260.800
Yxy	40.5542, 0.2054, 0.2298
Android (android.graphics.Color)	4282561534 (0xFF42B3FE)
YUV	153.7630, 49.4168, -76.9682
Hunter-Lab	63.6822, -9.8181, -48.2301

Details

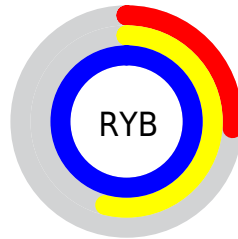
The XYZ color **36.2563, 40.5542, 99.6828** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **51.3841, 40.5183, 10.2691**, and the grayscale version is **30.4328, 32.0177, 34.8673**.

A 20% lighter version of the original color is **57.9117, 71.8709, 105.4279**, and **17.6674, 19.2100, 55.6000** is the 20% darker color. If you saturate the color by 10%, you get **32.9522, 35.9463, 98.9684**, and if you desaturate by 10%, it is **40.4717, 45.8547, 100.4846**.

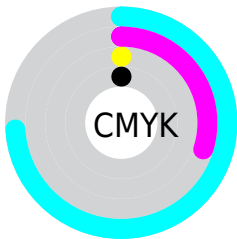
Distribution



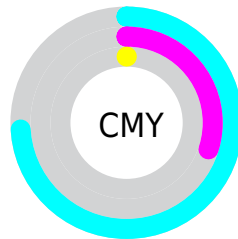
- Red (26%)
- Green (70%)
- Blue (100%)



- Red (26%)
- Yellow (54%)
- Blue (100%)



- Cyan (74%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (74%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2563, 40.5542, 99.6828 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 36.2563, 40.5542, 99.6828 by changing the saturation by 10% instead.

 36.2563, 40.5542,
99.6828


 36.2563, 40.5542,
99.6828


321.4911,
348.4539, 580.4132

 24.8032, 27.9709,
75.4202


 68.7488, 76.0067,
162.7693


 16.0585, 18.3037,
55.4534


 90.5189, 99.6447,
202.4303

 9.6566, 11.1683,
39.3638


 116.4587,
127.7364, 248.0612

 5.2324, 6.1801,
26.7329

 146.9336,
160.6661, 300.0806

 2.4204, 2.9549,
17.1420

182.3089,
198.8184, 358.9069

 0.8553, 1.1082,
10.1728

222.9501,

 0.0000, 0.0000,

242.5775, 424.9588

5.4066

269.2224,
292.3279, 498.6547

■ 0.0000, 0.0000,
2.4249

■ 0.0000, 0.0000,
0.7999

■ 36.2563, 40.5542,
99.6828

■ 36.2563, 40.5542,
99.6828

■ 32.9522, 35.9463,
98.9684

■ 40.4717, 45.8547,
100.4846

■ 30.4426, 31.9643,
98.3320

■ 45.6862, 51.8958,
101.3758

■ 29.2260, 29.8287,
97.9840

■ 51.9812, 58.7245,
102.3621

■ 59.4279, 66.3819,
103.4476

■ 68.0908, 74.9054,
104.6362

■ 78.0297, 84.3300,
105.9315

■ 89.2999, 94.6882,
107.3368

■ 94.8896, 99.9358,
108.0551

Harmonies

Analogous

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



30.0287, 40.5542, 85.1700



36.2563, 40.5542, 99.6828



43.9703, 40.5542, 95.9633

Triad

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



36.2563, 40.5542, 99.6828



53.8814, 40.5542, 30.9018



28.2953, 40.5542, 22.6379

Complementary

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



36.2563, 40.5542, 99.6828



51.3841, 40.5183, 10.2691

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.



33.5864, 40.5542, 15.4530



36.2563, 40.5542, 99.6828



48.5374, 40.5542, 19.0193

Square

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



36.2563, 40.5542, 99.6828



54.8425, 40.5542, 51.1907



40.9292, 40.5542, 14.3913



25.8465, 40.5542, 37.7984

Rectangle

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



36.2563, 40.5542, 99.6828



48.9027, 40.5542, 84.0119



40.9292, 40.5542, 14.3913



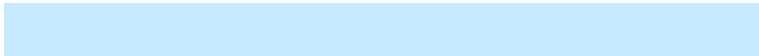
29.7649, 40.5542, 19.4507

Sweetspot

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



36.2578, 40.5556, 99.6838



70.6076, 77.4104, 105.8280



42.2828, 73.8802, 36.1054



14.5638, 16.0403, 22.5784



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.



36.2578, 40.5556, 99.6838



31.8875, 34.1820, 99.5249



23.6226, 15.2852, 95.4721



17.9112, 19.1941, 23.0108



15.5564, 16.0224, 51.7073



1.6216, 1.7739, 5.0702

Inverse Universe

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



50.9594, 28.2239, 45.4108



48.3986, 24.7897, 37.5723



70.7334, 79.2168, 16.7188



18.4678, 18.1704, 21.0808



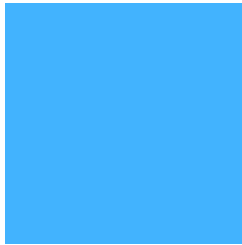
24.6404, 12.3454, 17.2885



2.4531, 1.2236, 1.9675

Previews

White Background



This preview shows how the XYZ color 36.2563, 40.5542, 99.6828 looks on a white background.

Color Contrast Check

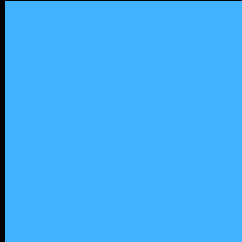
Large Text (above 18pt) WCAG AA × Fail

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 36.2563, 40.5542, 99.6828 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

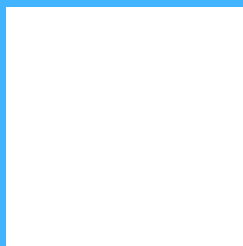
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2563, 40.5542, 99.6828

Background



This preview shows how black text looks on a background with the XYZ color 36.2563, 40.5542, 99.6828.



This preview shows how white text looks on a background with the XYZ color 36.2563, 40.5542,

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

36.2563, 40.5542, 99.6828

Protanopia

41.8249, 40.1888, 91.1408

Deuteranopia

41.2912, 40.2631, 100.2030



Tritanopia

28.8823, 40.3261, 63.3882

Trichromacy



Original Color

36.2563, 40.5542, 99.6828

Protanomaly

38.7086, 39.6161, 94.4135

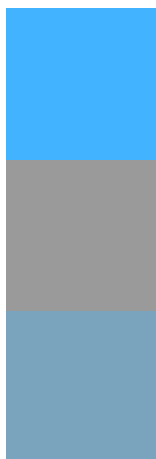
Deuteranomaly

38.9374, 40.1713, 100.3094

Tritanomaly

30.9105, 40.1660, 75.2309

Monochromacy



Original Color

36.2563, 40.5542, 99.6828

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.4175, 34.0497, 53.6843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2563, 40.5542, 99.6828 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(66, 179, 254)` looks like.

```
.text, #text, p{  
    color:rgb(66, 179, 254)  
}
```

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(66, 179, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 179, 254) }
```

Border

The CSS property to change the border of an element to XYZ 36.2563, 40.5542, 99.6828 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(66, 179, 254) }
```


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

```
.border{ border-color:rgb(66, 179, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 179, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 179, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 179, 254);  
box-shadow:4px 4px 4px 4px rgb(66, 179,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2563, 40.5542, 99.6828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 179, 254) }
```

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

```
.background{ background-color: rgb(66, 179,  
254) }
```

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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