

Converting Colors

XYZ(43.4546, 43.4430,
138.7842)

Have a look what the booklet for
XYZ(43.4546, 43.4430, 138.7842)
contains.

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Color

**XYZ(36.1567, 40.4843,
100.5163)**

Conversions

Conversions Part 1

Format	Color
Hex	3EB3FF
RGB	62, 179, 255
RGB Percent	24%, 70%, 100%
CMY	0.7568, 0.2980, 0.0000
CMYK	0.76, 0.30, 0.00, 0.00
HSL	204°, 100%, 62%
HSV	204°, 76%, 100%
XYZ	36.1567, 40.4843, 100.5163
YIQ	152.6810, -94.1280, -1.1680

Conversions

Conversions Part 2

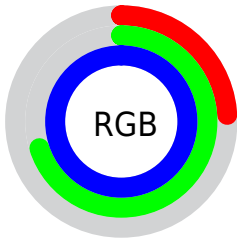
Format	Color
R _Y B	62, 135, 255
Decimal	4109311
CIE Lab	69.81, -7.60, -46.79
CIE LCh	70, 47.399, 260.778
Yxy	40.4843, 0.2041, 0.2285
Android (android.graphics.Color)	4282299391 (0xFF3EB3FF)
YUV	152.6810, 50.4433, -79.5272
Hunter-Lab	63.6273, -9.9137, -49.1253

Details

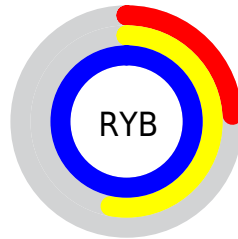
The XYZ color **36.1567, 40.4843, 100.5163** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **51.2003, 39.7888, 9.5411**, and the grayscale version is **29.9594, 31.5196, 34.3249**.

A 20% lighter version of the original color is **57.5898, 71.7050, 105.4129**, and **17.7824, 19.2560, 56.2056** is the 20% darker color. If you saturate the color by 10%, you get **32.9762, 35.9654, 99.8117**, and if you desaturate by 10%, it is **40.2358, 45.6852, 101.3052**.

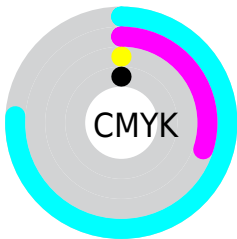
Distribution



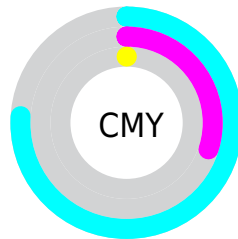
- Red (24%)
- Green (70%)
- Blue (100%)



- Red (24%)
- Yellow (53%)
- Blue (100%)



- Cyan (76%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1567, 40.4843, 100.5163 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 36.1567, 40.4843, 100.5163 by changing the saturation by 10% instead.

■ 36.1567, 40.4843,
100.5163

■ 36.1567, 40.4843,
100.5163

321.0642,
348.1606, 583.1075

■ 24.7259, 27.9163,
76.1125

■ 68.5961, 75.9004,
163.9246

■ 16.0006, 18.2626,
56.0176

■ 90.3355, 99.5174,
203.7661

■ 9.6154, 11.1387,
39.8129

■ 116.2418,
127.5861, 249.5907

■ 5.2050, 6.1602,
27.0800

■ 146.6803,
160.4911, 301.8168

■ 2.4040, 2.9427,
17.4004

182.0165,
198.6166, 360.8630

■ 0.8471, 1.1019,
10.3554

222.6156,

■ 0.0000, 0.0000,

242.3471, 427.1478

5.5265

268.8431,
292.0670, 501.0898

■ 0.0000, 0.0000,
2.4953

■ 0.0000, 0.0000,
0.8377

■ 36.1567, 40.4843,
100.5163

■ 36.1567, 40.4843,
100.5163

■ 32.9762, 35.9654,
99.8117

■ 40.2358, 45.6852,
101.3052

■ 30.5722, 32.0593,
99.1845

■ 45.3052, 51.6181,
102.1832

■ 29.7016, 30.5231,
98.9339

■ 51.4486, 58.3310,
103.1551

■ 58.7389, 65.8659,
104.2253

■ 67.2423, 74.2608,
105.3975

■ 77.0197, 83.5512,
106.6754

■ 88.1276, 93.7700,
108.0623

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



29.8626, 40.4843, 85.7206



36.1567, 40.4843, 100.5163



43.9690, 40.4843, 96.7399

Triad

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



36.1567, 40.4843, 100.5163



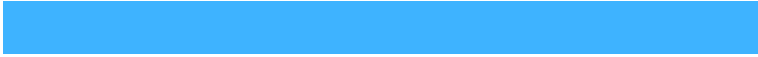
54.0332, 40.4843, 30.6949



28.1191, 40.4843, 22.3519

Complementary

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



36.1567, 40.4843, 100.5163



51.2003, 39.7888, 9.5411

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.



33.4664, 40.4843, 15.1501



36.1567, 40.4843, 100.5163



48.6115, 40.4843, 18.7317

Square

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



36.1567, 40.4843, 100.5163



55.0056, 40.4843, 51.2248



40.8989, 40.4843, 14.0925



25.6466, 40.4843, 37.6335

Rectangle

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



36.1567, 40.4843, 100.5163



48.9719, 40.4843, 84.5740



40.8989, 40.4843, 14.0925



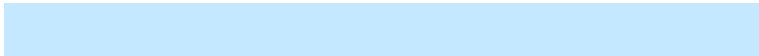
29.6036, 40.4843, 19.1527

Sweetspot

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



36.1580, 40.4856, 100.5165



69.7355, 76.6616, 105.7295



42.1910, 74.3220, 35.4117



14.2116, 15.7193, 22.5351



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.



36.1580, 40.4856, 100.5165



31.6094, 33.8159, 99.4689



23.2492, 14.6679, 96.2136



17.9193, 19.2103, 23.0135



15.6694, 16.2484, 51.7450



1.6322, 1.7952, 5.0737

Inverse Universe

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



51.1003, 27.9617, 45.3527



48.2118, 24.5374, 37.1364



71.1033, 79.5947, 16.1754



18.4719, 18.1721, 21.1023



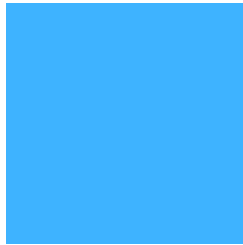
24.6974, 12.3683, 17.5888



2.4585, 1.2258, 1.9958

Previews

White Background



This preview shows how the XYZ color 36.1567, 40.4843, 100.5163 looks on a white background.

Color Contrast Check

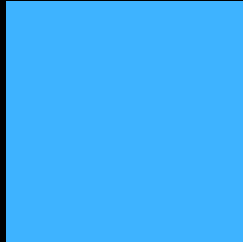
Large Text (above 18pt) WCAG AA × Fail

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 36.1567, 40.4843, 100.5163 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

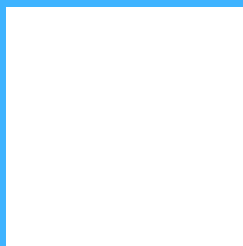
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1567, 40.4843, 100.5163

Background



This preview shows how black text looks on a background with the XYZ color 36.1567, 40.4843, 100.5163.



This preview shows how white text looks on a background with the XYZ color 36.1567, 40.4843,

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

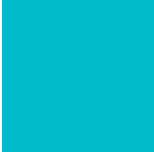
36.1567, 40.4843, 100.5163

Protanopia

41.8017, 40.1593, 91.9345

Deuteranopia

41.2912, 40.2631, 100.2030



Tritanopia

28.7627, 40.2782, 62.7584

Trichromacy



Original Color

36.1567, 40.4843, 100.5163

Protanomaly

38.6012, 39.5428, 95.2205

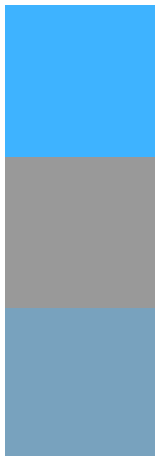
Deuteranomaly

38.8193, 40.1104, 100.3038

Tritanomaly

30.8871, 40.1540, 75.2298

Monochromacy



Original Color

36.1567, 40.4843, 100.5163

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.9603, 33.5514, 53.6122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1567, 40.4843, 100.5163 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(62, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(62, 179, 255)  
}
```

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(62, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 179, 255) }
```

Border

The CSS property to change the border of an element to XYZ 36.1567, 40.4843, 100.5163 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(62, 179, 255) }
```


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

```
.border{ border-color:rgb(62, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(62, 179,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1567, 40.4843, 100.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 179, 255) }
```

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

```
.background{ background-color: rgb(62, 179,  
255) }
```

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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