

Converting Colors

XYZ(36.4652, 43.5433, 93.7449)

Have a look what the booklet for
XYZ(36.4652, 43.5433, 93.7449)
contains.

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Color

**XYZ(36.4813, 43.5809,
93.6780)**

Conversions

Conversions Part 1

Format	Color
Hex	3CB CF6
RGB	60, 188, 246
RGB Percent	24%, 74%, 96%
CMY	0.7646, 0.2627, 0.0353
CMYK	0.76, 0.24, 0.00, 0.04
HSL	199°, 91%, 60%
HSV	199°, 76%, 96%
XYZ	36.4813, 43.5809, 93.6780
YIQ	156.3400, -94.9060, -9.0980

Conversions

Conversions Part 2

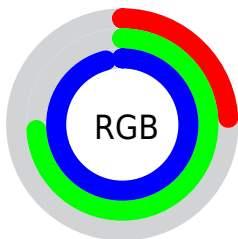
Format	Color
RYB	60, 136, 246
Decimal	3980534
CIELab	71.95, -15.72, -38.59
CIELCh	72, 41.664, 247.840
Yxy	43.5809, 0.2100, 0.2508
Android (android.graphics.Color)	4282170614 (0xFF3CBCF6)
YUV	156.3400, 44.2024, -84.4902
Hunter-Lab	66.0158, -16.8860, -37.9228

Details

The XYZ color **36.4813, 43.5809, 93.6780** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **45.3026, 32.8797, 8.2358**, and the grayscale version is **31.5933, 33.2386, 36.1969**.

A 20% lighter version of the original color is **59.9164, 76.8269, 106.2789**, and **17.8493, 21.0021, 51.2572** is the 20% darker color. If you saturate the color by 10%, you get **33.7302, 39.7947, 93.0931**, and if you desaturate by 10%, it is **40.0126, 47.9000, 94.3264**.

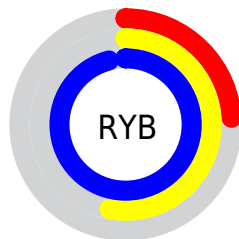
Distribution



Red (24%)

Green (74%)

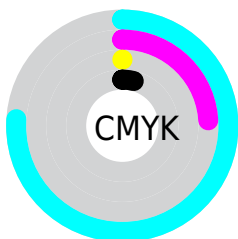
Blue (96%)



Red (24%)

Yellow (53%)

Blue (96%)

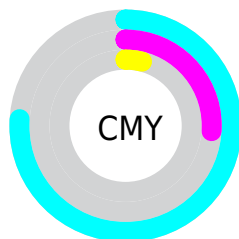


Cyan (76%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (76%)

Magenta (26%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4813, 43.5809, 93.6780 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 36.4813, 43.5809, 93.6780 by changing the saturation by 10% instead.


 36.4813, 43.5809,
93.6780


 36.4813, 43.5809,
93.6780


322.4540,
360.9953, 560.7999

 24.9780, 30.3412,
70.4444

 69.0933, 80.5867,
154.4168


 16.1893, 20.0977,
51.4098

 90.9327, 105.1216,
192.7590

 9.7499, 12.4661,
36.1559


 116.9482,
134.1903, 236.9745

 5.2944, 7.0619,
24.2640

 147.5051,
168.1773, 287.4818

 2.4576, 3.5009,
15.3155

182.9688,
207.4669, 344.6994

 0.8739, 1.3985,
8.8921

223.7046,

 0.0000, 0.2156,

252.4435, 409.0460

4.5750

270.0779,
303.4915, 480.9399

■ 0.0000, 0.0000,
1.9458

■ 0.0000, 0.0000,
0.5216

■ 36.4813, 43.5809,
93.6780

■ 36.4813, 43.5809,
93.6780

■ 33.7302, 39.7947,
93.0931

■ 40.0126, 47.9000,
94.3264


■ 31.6486, 36.4804,
92.5631


■ 44.4055, 52.7939,
95.0395

■ 30.8761, 35.1366,
92.3444


■ 49.7353, 58.3039,
95.8221

■ 56.0674, 64.4656,
96.6777

 63.4612, 71.3116,
97.6094

 71.9710, 78.8715,
98.6201

 81.6473, 87.1731,
99.7125

 91.8661, 95.8966,
100.8577

 93.6347, 99.4339,
101.4473

Harmonies

Analogous

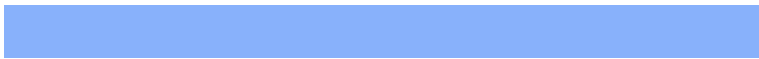
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.5455, 43.5809, 75.7193



36.4813, 43.5809, 93.6780



43.3134, 43.5809, 97.7059

Triad

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



36.4813, 43.5809, 93.6780



56.4791, 43.5809, 42.3142



33.5961, 43.5809, 22.7802

Complementary

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



36.4813, 43.5809, 93.6780



45.3026, 32.8797, 8.2358

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.



39.5871, 43.5809, 18.2934



36.4813, 43.5809, 93.6780



53.1715, 43.5809, 27.2743

Square

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



36.4813, 43.5809, 93.6780



55.4024, 43.5809, 63.7881



46.7905, 43.5809, 19.6630



30.0172, 43.5809, 34.1745

Rectangle

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



36.4813, 43.5809, 93.6780



48.1335, 43.5809, 91.1238



46.7905, 43.5809, 19.6630



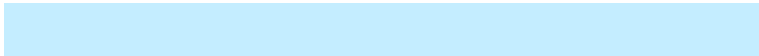
35.3659, 43.5809, 20.5876

Sweetspot

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



36.4828, 43.5824, 93.6791



71.1065, 79.4035, 106.1864



37.9619, 68.1299, 27.6151



14.5449, 16.3860, 22.6462



0.0000, 0.0000, 0.0000



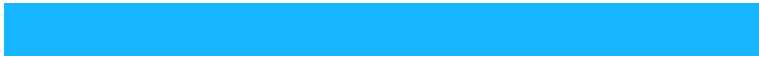
20.3446, 21.4041, 23.3091

Same Dimension

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



36.4828, 43.5824, 93.6791



35.2607, 41.1186, 100.6860



22.7935, 16.2038, 89.1160



16.5353, 17.8350, 21.1136



16.6111, 19.0159, 49.3330



1.5514, 1.8541, 4.3664

Inverse Universe

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



48.7004, 26.4573, 50.1182



50.0548, 25.2746, 46.8417



61.5749, 65.4243, 13.6599



16.9808, 16.6752, 19.6454



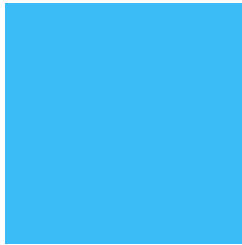
24.1890, 12.0190, 21.5015



2.1721, 1.0748, 2.1327

Previews

White Background



This preview shows how the XYZ color 36.4813, 43.5809, 93.6780 looks on a white background.

Color Contrast Check

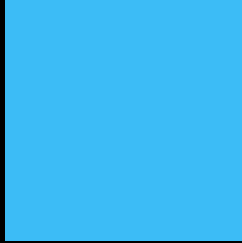
Large Text (above 18pt) WCAG AA × Fail

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 36.4813, 43.5809, 93.6780 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

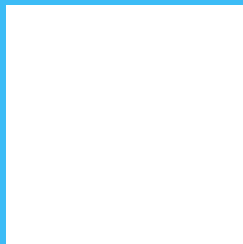
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4813, 43.5809, 93.6780

Background



This preview shows how black text looks on a background with the XYZ color 36.4813, 43.5809, 93.6780.



This preview shows how white text looks on a background with the XYZ color 36.4813, 43.5809,

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

36.4813, 43.5809, 93.6780

Protanopia

43.8954, 43.0968, 83.8469

Deuteranopia

44.0751, 42.9297, 95.5858



Tritanopia

31.1383, 43.3469, 67.6984

Trichromacy



Original Color

36.4813, 43.5809, 93.6780

Protanomaly

39.3791, 42.1514, 86.9495

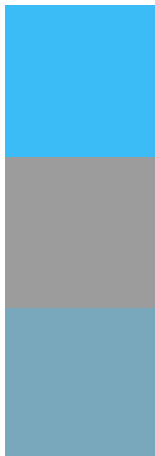
Deuteranomaly

39.9339, 42.2629, 94.8598

Tritanomaly

32.7646, 43.3341, 76.4495

Monochromacy



Original Color

36.4813, 43.5809, 93.6780

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0731, 35.7443, 53.4057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4813, 43.5809, 93.6780 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(60, 188, 246)` looks like.

```
.text, #text, p{  
    color:rgb(60, 188, 246)  
}
```

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(60, 188, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 188, 246) }
```

Border

The CSS property to change the border of an element to XYZ 36.4813, 43.5809, 93.6780 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(60, 188, 246) }
```


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

```
.border{ border-color:rgb(60, 188, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 188, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 188, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 188, 246);  
box-shadow:4px 4px 4px 4px rgb(60, 188,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4813, 43.5809, 93.6780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 188, 246) }
```

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

```
.background{ background-color: rgb(60, 188,  
246) }
```

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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