

Converting Colors

XYZ(36.9094, 43.1174, 91.4260)

Have a look what the booklet for
XYZ(36.9094, 43.1174, 91.4260)
contains.

XYZ(36.9610, 43.2511, 91.1943)	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(36.9610, 43.2511,
91.1943)**

Conversions

Conversions Part 1

Format	Color
Hex	4FBAF3
RGB	79, 186, 243
RGB Percent	31%, 73%, 95%
CMY	0.6902, 0.2706, 0.0471
CMYK	0.67, 0.23, 0.00, 0.05
HSL	201°, 87%, 63%
HSV	201°, 67%, 95%
XYZ	36.9610, 43.2511, 91.1943
YIQ	160.5050, -82.0690, -4.9570

Conversions

Conversions Part 2

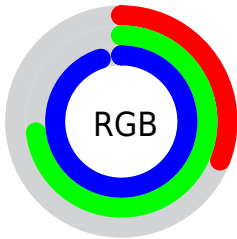
Format	Color
R _Y B	79, 144, 243
Decimal	5225203
CIE Lab	71.73, -13.17, -37.27
CIE LCh	72, 39.532, 250.539
Yxy	43.2511, 0.2156, 0.2523
Android (android.graphics.Color)	4283415283 (0xFF4FBAF3)
YUV	160.5050, 40.6700, -71.4799
Hunter-Lab	65.7656, -14.7707, -36.1790

Details

The XYZ color **36.9610, 43.2511, 91.1943** 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 **47.1796, 37.2303, 12.0986**, and the grayscale version is **33.4936, 35.2379, 38.3741**.

A 20% lighter version of the original color is **61.3037, 76.6536, 106.1723**, and **17.3572, 20.3629, 50.0293** is the 20% darker color. If you saturate the color by 10%, you get **33.5698, 38.9397, 90.5417**, and if you desaturate by 10%, it is **41.1987, 48.1565, 91.9186**.

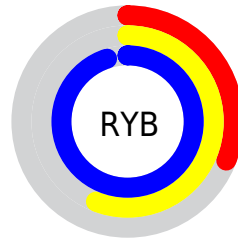
Distribution



Red (31%)

Green (73%)

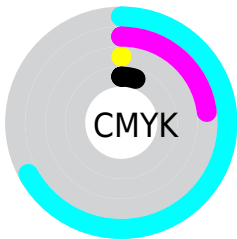
Blue (95%)



Red (31%)

Yellow (56%)

Blue (95%)

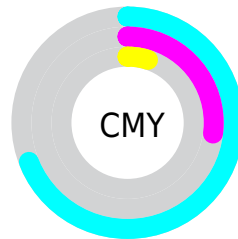


Cyan (67%)

Magenta (23%)

Yellow (0%)

Black (5%)



Cyan (69%)

Magenta (27%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9610, 43.2511, 91.1943 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 36.9610, 43.2511, 91.1943 by changing the saturation by 10% instead.

36.9610, 43.2511,
91.1943

36.9610, 43.2511,
91.1943

324.5001,
359.6434, 552.5783

25.3508, 30.0822,
68.3923

69.8270, 80.0896,
150.9462

16.4688, 19.9010,
49.7483

91.8136, 104.5281,
188.7332

9.9494, 12.3231,
34.8437

117.9897,
133.4918, 232.3523

5.4274, 6.9641,
23.2599

148.7206,
167.3651, 282.2221

2.5375, 3.4397,
14.5784

184.3718,
206.5326, 338.7610

0.9142, 1.3653,
8.3807

225.3085,

0.0000, 0.1910,

251.3785, 402.3877

4.2483

271.8962,
302.2873, 473.5206

■ 0.0000, 0.0000,
1.7625

■ 0.0000, 0.0000,
0.4031

■ 36.9610, 43.2511,
91.1943

■ 36.9610, 43.2511,
91.1943

■ 33.5698, 38.9397,
90.5417

■ 41.1987, 48.1565,
91.9186

■ 30.9338, 35.1703,
89.9531

■ 46.3524, 53.6922,
92.7155

■ 28.9406, 31.8831,
89.4236

■ 52.4889, 59.8958,
93.5895

■ 28.4971, 31.1097,
89.2977

■ 59.6671, 66.8002,
94.5438

67.9413, 74.4358,
95.5816

77.3614, 82.8307,
96.7055

87.9744, 92.0115,
97.9182

92.7236, 98.3426,
98.8899

93.1778, 99.2511,
99.0413

Harmonies

Analogous

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



32.0681, 43.2511, 75.4017



36.9610, 43.2511, 91.1943



43.5124, 43.2511, 93.5239

Triad

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



36.9610, 43.2511, 91.1943



55.1325, 43.2511, 40.6571



33.2852, 43.2511, 24.2355

Complementary

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



36.9610, 43.2511, 91.1943



47.1796, 37.2303, 12.0986

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.



38.7955, 43.2511, 19.3193



36.9610, 43.2511, 91.1943



51.7067, 43.2511, 26.9389

Square

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



36.9610, 43.2511, 91.1943



54.5035, 43.2511, 60.4983



45.5560, 43.2511, 20.1519



30.1110, 43.2511, 35.8306

Rectangle

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



36.9610, 43.2511, 91.1943



48.0145, 43.2511, 86.5939



45.5560, 43.2511, 20.1519



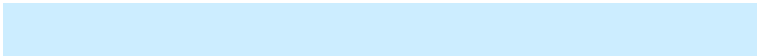
34.8993, 43.2511, 21.9114

Sweetspot

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



36.9625, 43.2526, 91.1954



73.3154, 80.7844, 106.3366



39.5565, 67.4767, 33.3746



15.1280, 16.7723, 22.6900



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.



36.9625, 43.2526, 91.1954



36.2669, 41.8126, 100.7669



24.5924, 18.5125, 87.0720



16.4836, 17.7316, 21.0963



15.7710, 17.3358, 49.0529



1.4820, 1.7154, 4.3432

Inverse Universe

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



48.6224, 28.1936, 49.3349



50.8845, 26.8385, 47.4123



62.8454, 68.5620, 17.3205



16.9547, 16.6647, 19.5080



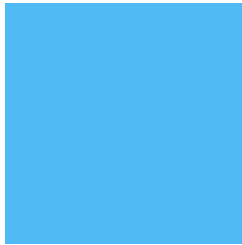
23.7650, 11.8494, 19.2686



2.1371, 1.0608, 1.9483

Previews

White Background



This preview shows how the XYZ color 36.9610, 43.2511, 91.1943 looks on a white background.

Color Contrast Check

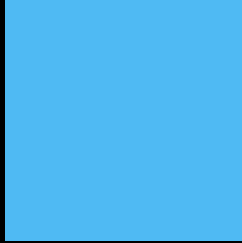
Large Text (above 18pt) WCAG AA × Fail

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 36.9610, 43.2511, 91.1943 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

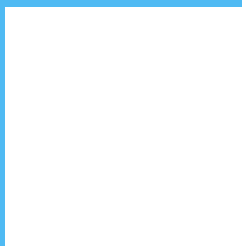
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.9610, 43.2511, 91.1943

Background



This preview shows how black text looks on a background with the XYZ color 36.9610, 43.2511, 91.1943.



This preview shows how white text looks on a background with the XYZ color 36.9610, 43.2511,

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

36.9610, 43.2511, 91.1943

Protanopia

43.5611, 42.6573, 83.0286

Deuteranopia

43.9725, 42.9305, 93.1576



Tritanopia

31.9797, 43.1529, 66.3183

Trichromacy



Original Color

36.9610, 43.2511, 91.1943

Protanomaly

40.0615, 42.2258, 86.1597

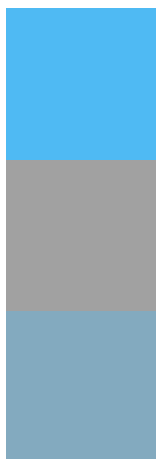
Deuteranomaly

40.7140, 42.7184, 92.4858

Tritanomaly

33.7114, 43.2056, 74.9694

Monochromacy



Original Color

36.9610, 43.2511, 91.1943

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.1388, 37.3363, 54.7502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9610, 43.2511, 91.1943 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(79, 186, 243)` looks like.

```
.text, #text, p{  
    color:rgb(79, 186, 243)  
}
```

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(79, 186, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 186, 243) }
```

Border

The CSS property to change the border of an element to XYZ 36.9610, 43.2511, 91.1943 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(79, 186, 243) }
```


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

```
.border{ border-color:rgb(79, 186, 243) }
```

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

Here you see how a box with a 4 pixel rgb(79, 186, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 186, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 186, 243);  
box-shadow:4px 4px 4px 4px rgb(79, 186,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9610, 43.2511, 91.1943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 186, 243) }
```

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

```
.background{ background-color: rgb(79, 186,  
243) }
```

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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