

Converting Colors

XYZ(43.8615, 60.1736, 93.5055)

Have a look what the booklet for
XYZ(43.8615, 60.1736, 93.5055)
contains.

XYZ(43.9493, 60.3751, 93.3416)	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(43.9493, 60.3751,
93.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	31E0F2
RGB	49, 224, 242
RGB Percent	19%, 88%, 95%
CMY	0.8078, 0.1216, 0.0510
CMYK	0.80, 0.07, 0.00, 0.05
HSL	186°, 88%, 57%
HSV	186°, 80%, 95%
XYZ	43.9493, 60.3751, 93.3416
YIQ	173.7270, -110.0780, -31.5020

Conversions

Conversions Part 2

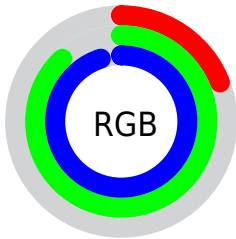
Format	Color
RYB	49, 141, 242
Decimal	3268850
CIELab	82.04, -35.95, -20.95
CIELCh	82, 41.613, 210.235
Yxy	60.3751, 0.2223, 0.3054
Android (android.graphics.Color)	4281458930 (0xFF31E0F2)
YUV	173.7270, 33.6586, -109.3856
Hunter-Lab	77.7014, -35.0147, -16.8332

Details

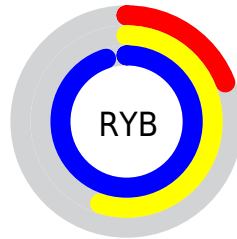
The XYZ color **43.9493, 60.3751, 93.3416** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **39.1813, 23.1156, 5.3043**, and the grayscale version is **39.9688, 42.0503, 45.7927**.

A 20% lighter version of the original color is **62.7121, 83.3292, 107.3866**, and **22.8656, 31.5504, 51.3391** is the 20% darker color. If you saturate the color by 10%, you get **42.4776, 58.7231, 93.1014**, and if you desaturate by 10%, it is **46.0586, 62.3702, 93.6167**.

Distribution



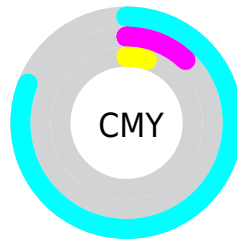
- Red (19%)
- Green (88%)
- Blue (95%)



- Red (19%)
- Yellow (55%)
- Blue (95%)



- Cyan (80%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)





- Cyan (81%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9493, 60.3751, 93.3416 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 43.9493, 60.3751, 93.3416 by changing the saturation by 10% instead.


 43.9493, 60.3751,
93.3416


 43.9493, 60.3751,
93.3416


353.3571,
425.9790, 559.6902


 30.8284, 43.7210,
70.1662


 80.3883, 105.3736,
153.9473


 20.6194, 30.4513,
51.1844


 104.4370,
134.4868, 192.2146

 12.9569, 20.1814,
35.9776


 132.8591,
168.5219, 236.3497

 7.4757, 12.5269,
24.1274

 166.0199,
207.8633, 286.7711

 3.8103, 7.1036,
15.2151

204.2848,
252.8953, 343.8973

 1.5954, 3.5270,
8.8222

248.0190,

 0.3894, 1.4127,

304.0023, 408.1468

4.5301

297.5880,
361.5687, 479.9383

■ 0.0000, 0.2260,
1.9205

■ 0.0000, 0.0000,
0.5057

■ 43.9493, 60.3751,
93.3416

■ 43.9493, 60.3751,
93.3416

■ 42.4776, 58.7231,
93.1014

■ 46.0586, 62.3702,
93.6167


■ 41.4943, 57.3336,
92.8851

■ 48.8875, 64.7471,
93.9263


■ 41.4715, 57.2995,
92.8797


■ 52.5120, 67.5461,
94.2756


■ 56.9967, 70.8006,
94.6674

 62.3996, 74.5407,
95.1045

 68.7737, 78.7936,
95.5895

 76.1678, 83.5846,
96.1245

 84.6276, 88.9372,
96.7118

 89.7131, 92.5626,
97.1435

Harmonies

Analogous

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



42.0471, 60.3751, 65.9379



43.9493, 60.3751, 93.3416



49.3737, 60.3751, 117.5310

Triad

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



43.9493, 60.3751, 93.3416



73.3942, 60.3751, 92.9058



57.3151, 60.3751, 28.1597

Complementary

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



43.9493, 60.3751, 93.3416



39.1813, 23.1156, 5.3043

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.



66.2185, 60.3751, 31.9582



43.9493, 60.3751, 93.3416



76.0609, 60.3751, 65.5389

Square

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



43.9493, 60.3751, 93.3416



66.3514, 60.3751, 117.2374



73.3122, 60.3751, 44.1961



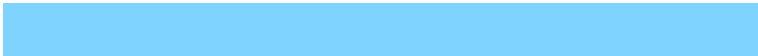
49.2646, 60.3751, 32.0817

Rectangle

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



43.9493, 60.3751, 93.3416



54.5574, 60.3751, 126.1317



73.3122, 60.3751, 44.1961



60.3081, 60.3751, 28.5610

Sweetspot

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



43.9512, 60.3773, 93.3431



74.2129, 86.5951, 107.4108



33.9770, 64.5413, 15.6831



15.3453, 18.1737, 22.9490



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.



43.9512, 60.3773, 93.3431



47.0819, 65.0944, 104.6907



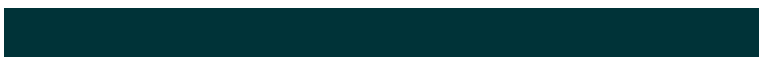
25.2014, 22.8776, 87.0931



16.1140, 17.6621, 20.2814



22.3329, 30.8901, 49.9132



1.8943, 2.6426, 4.1645

Inverse Universe

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



51.1725, 26.4576, 72.9330



55.9403, 27.3172, 78.7944



50.0217, 44.7963, 8.9178



16.3870, 16.0045, 19.5941



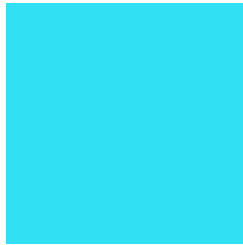
26.5982, 12.9117, 37.3965



2.2311, 1.0815, 3.2079

Previews

White Background



This preview shows how the XYZ color 43.9493, 60.3751, 93.3416 looks on a white background.

Color Contrast Check

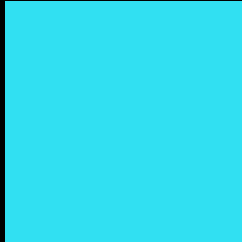
Large Text (above 18pt) WCAG AA × Fail

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 43.9493, 60.3751, 93.3416 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 43.9493, 60.3751, 93.3416

Background



This preview shows how black text looks on a background with the XYZ color 43.9493, 60.3751, 93.3416.



This preview shows how white text looks on a background with the XYZ color 43.9493, 60.3751,

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

43.9493, 60.3751, 93.3416

Protanopia

58.3050, 59.4615, 81.0773

Deuteranopia

60.6905, 59.3076, 97.0557



Tritanopia

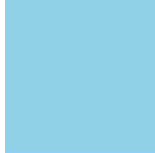
43.9493, 60.3751, 93.3416

Trichromacy



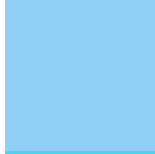
Original Color

43.9493, 60.3751, 93.3416



Protanomaly

48.8676, 57.3564, 84.8392



Deuteranomaly

50.4490, 57.2088, 95.5722



Tritanomaly

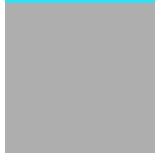
43.9493, 60.3751, 93.3416

Monochromacy



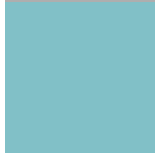
Original Color

43.9493, 60.3751, 93.3416



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

38.2117, 46.4899, 60.9923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9493, 60.3751, 93.3416 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(49, 224, 242)` looks like.

```
.text, #text, p{  
    color:rgb(49, 224, 242)  
}
```

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(49, 224, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 224, 242) }
```

Border

The CSS property to change the border of an element to XYZ 43.9493, 60.3751, 93.3416 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(49, 224, 242) }
```


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

```
.border{ border-color:rgb(49, 224, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 224, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 224, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 224, 242);  
box-shadow:4px 4px 4px 4px rgb(49, 224,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9493, 60.3751, 93.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 224, 242) }
```

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

```
.background{ background-color: rgb(49, 224,  
242) }
```

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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