

Converting Colors

XYZ(43.4994, 48.5028, 93.4555)

Have a look what the booklet for
XYZ(43.4994, 48.5028, 93.4555)
contains.

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Color

**XYZ(43.4994, 48.5028,
93.4555)**

Conversions

Conversions Part 1

Format	Color
Hex	7BC0F5
RGB	123, 192, 245
RGB Percent	48%, 75%, 96%
CMY	0.5176, 0.2470, 0.0392
CMYK	0.50, 0.22, 0.00, 0.04
HSL	206°, 86%, 72%
HSV	206°, 50%, 96%
XYZ	43.4994, 48.5028, 93.4555
YIQ	177.4110, -58.1370, 1.8550

Conversions

Conversions Part 2

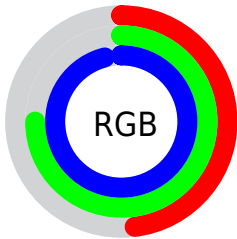
Format	Color
R _Y B	123, 167, 245
Decimal	8110325
CIE Lab	75.14, -7.53, -32.93
CIE LCh	75, 33.780, 257.117
Yxy	48.5028, 0.2346, 0.2615
Android (android.graphics.Color)	4286300405 (0xFF7BC0F5)
YUV	177.4110, 33.3214, -47.7184
Hunter-Lab	69.6440, -10.3864, -30.8107

Details

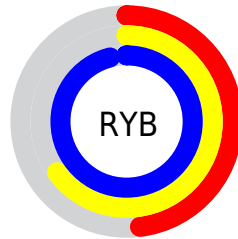
The XYZ color **43.4994, 48.5028, 93.4555** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.7580, 51.8948, 25.7658**, and the grayscale version is **41.8595, 44.0395, 47.9590**.

A 20% lighter version of the original color is **70.6735, 84.1786, 107.1309**, and **20.4678, 23.1961, 51.5426** is the 20% darker color. If you saturate the color by 10%, you get **38.1704, 42.4117, 92.5616**, and if you desaturate by 10%, it is **49.8776, 55.3876, 94.4491**.

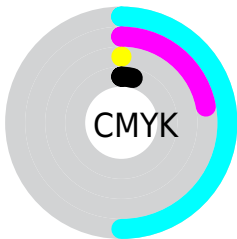
Distribution



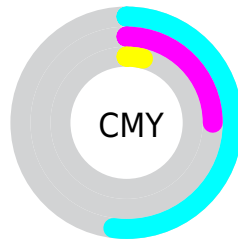
- Red (48%)
- Green (75%)
- Blue (96%)



- Red (48%)
- Yellow (65%)
- Blue (96%)



- Cyan (50%)
- Magenta (22%)
- Yellow (0%)
- Black (4%)



- Cyan (52%)
- Magenta (25%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4994, 48.5028, 93.4555 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 43.4994, 48.5028, 93.4555 by changing the saturation by 10% instead.

■ 43.4994, 48.5028,
93.4555

■ 43.4994, 48.5028,
93.4555

351.5483,
380.7817, 560.0661

■ 30.4734, 34.2252,
70.2604

■ 79.7150, 87.9526,
154.1062

■ 20.3480, 23.0667,
51.2607

■ 103.6352,
113.8935, 192.3990

■ 12.7580, 14.6428,
36.0380

■ 131.9175,
144.4911, 236.5613

■ 7.3380, 8.5690,
24.1736

164.9273,
180.1297, 287.0118

■ 3.7225, 4.4612,
15.2491

203.0300,
221.1936, 344.1689

■ 1.5464, 1.9347,
8.8458

246.5908,

■ 0.3571, 0.5691,

268.0673, 408.4514

4.5453

295.9751,
321.1352, 480.2775

■ 0.0000, 0.0000,
1.9290

■ 0.0000, 0.0000,
0.5111

■ 43.4994, 48.5028,
93.4555

■ 43.4994, 48.5028,
93.4555

■ 38.1704, 42.4117,
92.5616

■ 49.8776, 55.3876,
94.4491

■ 33.8154, 37.0674,
91.7596

■ 57.3633, 63.0984,
95.5429

■ 30.3561, 32.4250,
91.0458

■ 66.0161, 71.6718,
96.7417

■ 27.6981, 28.4303,
90.4149

■ 75.8894, 81.1403,
98.0489

■ 25.6895, 24.9991,
89.8584

■ 87.0336, 91.5344,
99.4678

■ 25.6516, 24.9326,
89.8476

■ 93.4816, 99.3726,
100.6409

Harmonies

Analogous

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



38.4721, 48.5028, 81.9044



43.4994, 48.5028, 93.4555



49.6898, 48.5028, 92.5061

Triad

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



43.4994, 48.5028, 93.4555



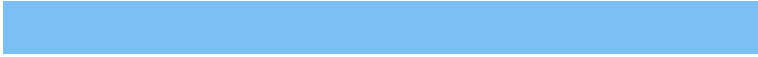
58.4254, 48.5028, 43.4082



37.9241, 48.5028, 32.8596

Complementary

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



43.4994, 48.5028, 93.4555



56.7580, 51.8948, 25.7658

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.



42.6882, 48.5028, 26.4909



43.4994, 48.5028, 93.4555



54.6759, 48.5028, 31.5801

Square

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



43.4994, 48.5028, 93.4555



58.6921, 48.5028, 60.7750



48.8032, 48.5028, 26.0820



35.4523, 48.5028, 45.5756

Rectangle

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



43.4994, 48.5028, 93.4555



53.6554, 48.5028, 84.8910



48.8032, 48.5028, 26.0820



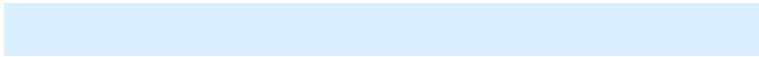
39.2902, 48.5028, 30.0424

Sweetspot

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



43.5010, 48.5046, 93.4567



77.2772, 83.3059, 106.6144



48.6455, 72.6463, 52.4652



16.0596, 17.3679, 22.7559



0.0000, 0.0000, 0.0000



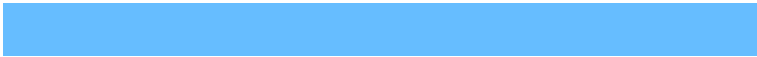
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5010, 48.5046, 93.4567



41.6268, 46.2394, 101.3389



32.7856, 27.0737, 89.8849



16.3590, 17.4822, 21.0548



13.9592, 13.7122, 48.4490



1.3290, 1.4094, 4.2922

Inverse Universe

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



54.2549, 37.3858, 54.2276



55.1261, 34.4166, 51.6164



71.4781, 81.3349, 30.6725



16.8918, 16.6396, 19.1766



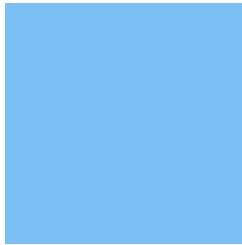
22.8505, 11.4836, 14.4529



2.0599, 1.0299, 1.5417

Previews

White Background



This preview shows how the XYZ color 43.4994, 48.5028, 93.4555 looks on a white background.

Color Contrast Check

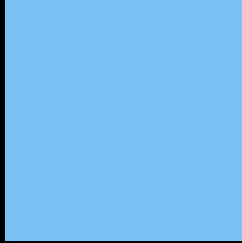
Large Text (above 18pt) WCAG AA × Fail

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 43.4994, 48.5028, 93.4555 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

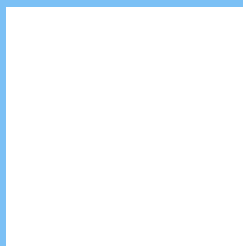
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4994, 48.5028, 93.4555

Background



This preview shows how black text looks on a background with the XYZ color 43.4994, 48.5028, 93.4555.



This preview shows how white text looks on a background with the XYZ color 43.4994, 48.5028,

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

43.4994, 48.5028, 93.4555

Protanopia

48.7381, 48.1750, 87.6188

Deuteranopia

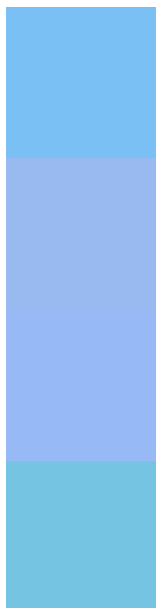
49.4528, 48.3868, 94.7288



Tritanopia

39.1417, 48.7539, 70.9658

Trichromacy



Original Color

43.4994, 48.5028, 93.4555

Protanomaly

46.5730, 48.2410, 90.0759

Deuteranomaly

46.9560, 48.3509, 94.0466

Tritanomaly

40.6667, 48.6980, 78.4905

Monochromacy



Original Color

43.4994, 48.5028, 93.4555

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.2932, 44.8883, 62.3650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4994, 48.5028, 93.4555 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(123, 192, 245)` looks like.

```
.text, #text, p{  
    color:rgb(123, 192, 245)  
}
```

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(123, 192, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 192, 245) }
```

Border

The CSS property to change the border of an element to XYZ 43.4994, 48.5028, 93.4555 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(123, 192, 245) }
```


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

```
.border{ border-color:rgb(123, 192, 245) }
```

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

Here you see how a box with a 4 pixel rgb(123, 192, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 192, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 192, 245);  
box-shadow:4px 4px 4px 4px rgb(123, 192,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4994, 48.5028, 93.4555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 192, 245) }
```

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

```
.background{ background-color: rgb(123,  
192, 245) }
```

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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