

Converting Colors

XYZ(43.5215, 50.4545, 99.5417)

Have a look what the booklet for
XYZ(43.5215, 50.4545, 99.5417)
contains.

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Color

**XYZ(43.4737, 50.3595,
99.5245)**

Conversions

Conversions Part 1

Format	Color
Hex	68C6FC
RGB	104, 198, 252
RGB Percent	41%, 78%, 99%
CMY	0.5921, 0.2235, 0.0118
CMYK	0.59, 0.21, 0.00, 0.01
HSL	202°, 96%, 70%
HSV	202°, 59%, 99%
XYZ	43.4737, 50.3595, 99.5245
YIQ	176.0500, -73.3580, -3.1340

Conversions

Conversions Part 2

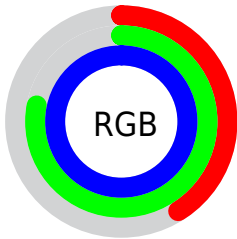
Format	Color
RYB	104, 161, 252
Decimal	6866684
CIELab	76.29, -12.56, -34.98
CIElCh	76, 37.164, 250.251
Yxy	50.3595, 0.2248, 0.2604
Android (android.graphics.Color)	4285056764 (0xFF68C6FC)
YUV	176.0500, 37.4433, -63.1879
Hunter-Lab	70.9644, -14.8364, -33.4765

Details

The XYZ color **43.4737, 50.3595, 99.5245** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **54.8723, 46.1511, 19.1147**, and the grayscale version is **41.1331, 43.2752, 47.1267**.

A 20% lighter version of the original color is **69.3270, 86.7393, 107.6962**, and **20.2756, 24.1197, 55.2167** is the 20% darker color. If you saturate the color by 10%, you get **38.9357, 44.9950, 98.7292**, and if you desaturate by 10%, it is **49.0165, 56.4332, 100.4057**.

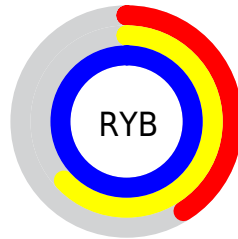
Distribution



Red (41%)

Green (78%)

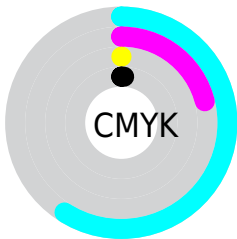
Blue (99%)



Red (41%)

Yellow (63%)

Blue (99%)

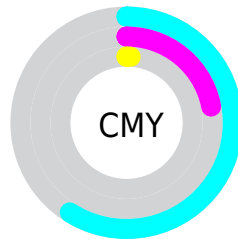


Cyan (59%)

Magenta (21%)

Yellow (0%)

Black (1%)



Cyan (59%)

Magenta (22%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4737, 50.3595, 99.5245 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 43.4737, 50.3595, 99.5245 by changing the saturation by 10% instead.

■ 43.4737, 50.3595,
99.5245

■ 43.4737, 50.3595,
99.5245

351.4448,
388.0701, 579.9008

■ 30.4531, 35.6991,
75.2888

■ 79.6765, 90.7073,
162.5498

■ 20.3325, 24.2019,
55.3464

■ 103.5893,
117.1635, 202.1764

■ 12.7467, 15.4835,
39.2786

■ 131.8637,
148.3205, 247.7705

■ 7.3301, 9.1594,
26.6671

164.8648,
184.5626, 299.7505

■ 3.7176, 4.8453,
17.0931

202.9582,
226.2742, 358.5350

■ 1.5436, 2.1568,
10.1382

246.5091,

■ 0.3552, 0.6963,

273.8397, 424.5425

5.3839

295.8828,
327.6436, 498.1916

■ 0.0000, 0.0000,
2.4116

■ 0.0000, 0.0000,
0.7927

■ 43.4737, 50.3595,
99.5245

■ 43.4737, 50.3595,
99.5245

■ 38.9357, 44.9950,
98.7292

■ 49.0165, 56.4332,
100.4057

■ 35.3145, 40.2884,
98.0116

■ 55.6316, 63.2515,
101.3731

■ 32.5143, 36.1876,
97.3676

■ 63.3863, 70.8531,
102.4316

■ 30.3950, 32.6171,
96.7902

■ 72.3407, 79.2720,
103.5847

■ 30.1510, 32.1885,
96.7203

■ 82.5503, 88.5400,
104.8355

■ 93.9903, 98.6472,
106.1834

■ 94.5709, 99.8083,
106.3769

Harmonies

Analogous

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



38.3391, 50.3595, 83.5922



43.4737, 50.3595, 99.5245



50.2924, 50.3595, 101.9948

Triad

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



43.4737, 50.3595, 99.5245



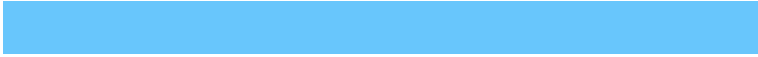
62.3171, 50.3595, 48.2761



39.7099, 50.3595, 30.4262

Complementary

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



43.4737, 50.3595, 99.5245



54.8723, 46.1511, 19.1147

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.



45.5174, 50.3595, 25.0495



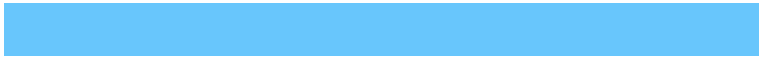
43.4737, 50.3595, 99.5245



58.8515, 50.3595, 33.5662

Square

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



43.4737, 50.3595, 99.5245



61.6341, 50.3595, 68.8669



52.5429, 50.3595, 26.0390



36.3167, 50.3595, 42.8481

Rectangle

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



43.4737, 50.3595, 99.5245



54.9466, 50.3595, 95.1677



52.5429, 50.3595, 26.0390



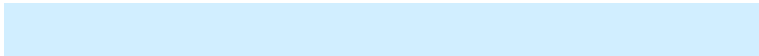
41.4199, 50.3595, 27.8901

Sweetspot

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



43.4754, 50.3613, 99.5257



75.0209, 82.0861, 106.4979



46.5049, 74.9588, 43.3836



15.4506, 17.0080, 22.7185



0.0000, 0.0000, 0.0000



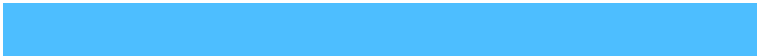
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4754, 50.3613, 99.5257



39.4558, 45.5480, 101.3198



30.7680, 24.9465, 95.2899



17.2022, 18.4812, 22.0459



15.8511, 17.0578, 50.4306



1.5690, 1.7816, 4.7044

Inverse Universe

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



55.2898, 34.6752, 57.2067



53.1392, 30.2101, 51.6715



70.8862, 78.1789, 24.4527



17.7086, 17.4108, 20.3212



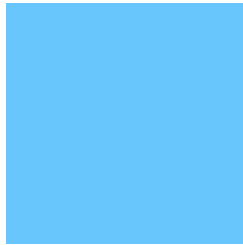
24.2929, 12.1329, 18.7828



2.3009, 1.1441, 2.0077

Previews

White Background



This preview shows how the XYZ color 43.4737, 50.3595, 99.5245 looks on a white background.

Color Contrast Check

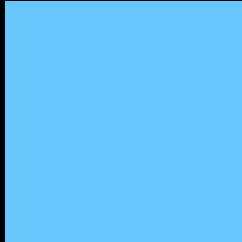
Large Text (above 18pt) WCAG AA × Fail

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 43.4737, 50.3595, 99.5245 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

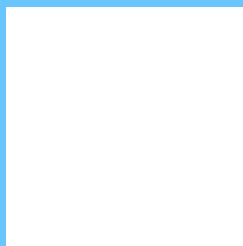
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4737, 50.3595, 99.5245

Background



This preview shows how black text looks on a background with the XYZ color 43.4737, 50.3595, 99.5245.

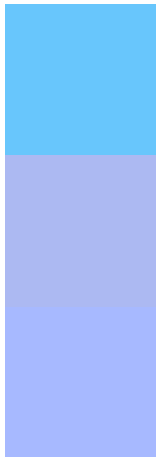


This preview shows how white text looks on a background with the XYZ color 43.4737, 50.3595,

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

43.4737, 50.3595, 99.5245

Protanopia

50.3892, 49.8794, 90.9763

Deuteranopia

51.3353, 50.1334, 101.5788



Tritanopia

38.7276, 50.5267, 75.4216

Trichromacy



Original Color

43.4737, 50.3595, 99.5245

Protanomaly

47.0806, 49.6838, 94.2973

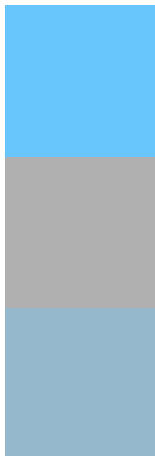
Deuteranomaly

47.8044, 49.9120, 100.8803

Tritanomaly

40.4053, 50.5002, 83.9618

Monochromacy



Original Color

43.4737, 50.3595, 99.5245

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.6173, 45.1246, 63.6959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4737, 50.3595, 99.5245 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(104, 198, 252)` looks like.

```
.text, #text, p{  
    color:rgb(104, 198, 252)  
}
```

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(104, 198, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 198, 252) }
```

Border

The CSS property to change the border of an element to XYZ 43.4737, 50.3595, 99.5245 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(104, 198, 252) }
```


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

```
.border{ border-color:rgb(104, 198, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 198, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 198, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 198, 252);  
box-shadow:4px 4px 4px 4px rgb(104, 198,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4737, 50.3595, 99.5245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 198, 252) }
```

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

```
.background{ background-color: rgb(104,  
198, 252) }
```

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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