

Converting Colors

XYZ(44.5005, 52.5540, 91.9959)

Have a look what the booklet for
XYZ(44.5005, 52.5540, 91.9959)
contains.

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Color

**XYZ(44.3500, 52.3649,
91.7743)**

Conversions

Conversions Part 1

Format	Color
Hex	74CAF2
RGB	116, 202, 242
RGB Percent	45%, 79%, 95%
CMY	0.5451, 0.2078, 0.0510
CMYK	0.52, 0.17, 0.00, 0.05
HSL	199°, 83%, 70%
HSV	199°, 52%, 95%
XYZ	44.3500, 52.3649, 91.7743
YIQ	180.8460, -64.0960, -5.7920

Conversions

Conversions Part 2

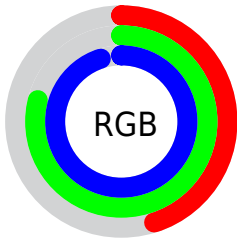
Format	Color
R _{YB}	116, 167, 242
Decimal	7654130
CIE Lab	77.50, -15.20, -27.72
CIE LCh	77, 31.612, 241.263
Yxy	52.3649, 0.2353, 0.2778
Android (android.graphics.Color)	4285844210 (0xFF74CAF2)
YUV	180.8460, 30.1489, -56.8699
Hunter-Lab	72.3636, -17.2377, -24.5393

Details

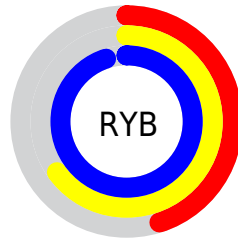
The XYZ color **44.3500, 52.3649, 91.7743** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **51.6602, 43.9167, 22.2788**, and the grayscale version is **43.7066, 45.9827, 50.0752**.

A 20% lighter version of the original color is **71.4892, 87.8540, 107.7974**, and **20.9210, 25.4819, 50.2702** is the 20% darker color. If you saturate the color by 10%, you get **39.7847, 47.4027, 91.0581**, and if you desaturate by 10%, it is **49.8462, 57.9424, 92.5621**.

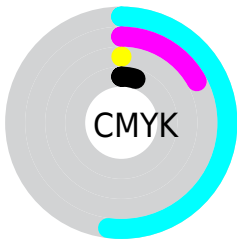
Distribution



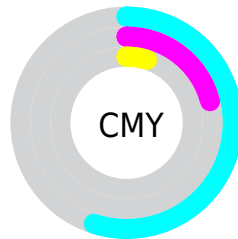
- Red (45%)
- Green (79%)
- Blue (95%)



- Red (45%)
- Yellow (65%)
- Blue (95%)



- Cyan (52%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (55%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3500, 52.3649, 91.7743 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 44.3500, 52.3649, 91.7743 by changing the saturation by 10% instead.

■ 44.3500, 52.3649,
91.7743

■ 44.3500, 52.3649,
91.7743

354.9628,
395.8437, 554.5042

■ 31.1449, 37.2960,
68.8712

■ 80.9872, 93.6692,
151.7575

■ 20.8615, 25.4368,
50.1357

■ 105.1500,
120.6733, 189.6747

■ 13.1347, 16.4028,
35.1493

■ 133.6961,
152.4247, 233.4337

■ 7.5990, 9.8096,
23.4934

166.9908,
189.3077, 283.4530

■ 3.8891, 5.2729,
14.7496

205.3994,
231.7067, 340.1511

■ 1.6396, 2.4083,
8.4991

249.2874,

■ 0.4180, 0.8301,

280.0061, 403.9467

4.3236

299.0201,
334.5903, 475.2582

■ 0.0000, 0.0000,
1.8045

■ 0.0000, 0.0000,
0.4309

■ 44.3500, 52.3649,
91.7743

■ 44.3500, 52.3649,
91.7743

■ 39.7847, 47.4027,
91.0581

■ 49.8462, 57.9424,
92.5621

■ 36.0773, 43.0130,
90.4062

■ 56.3288, 64.1624,
93.4211

■ 33.1518, 39.1558,
89.8159

■ 63.8548, 71.0572,
94.3552

■ 30.9144, 35.7806,
89.2823

■ 72.4750, 78.6549,
95.3674

■ 29.5142, 33.3849,
88.8937

■ 82.2370, 86.9816,
96.4601

■ 90.8647, 94.8660,
97.5272

■ 93.0272, 99.1909,
98.2480

Harmonies

Analogous

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



40.4162, 52.3649, 76.2554



44.3500, 52.3649, 91.7743



50.0299, 52.3649, 97.5543

Triad

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



44.3500, 52.3649, 91.7743



62.4226, 52.3649, 56.2803



43.9372, 52.3649, 32.8824

Complementary

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



44.3500, 52.3649, 91.7743



51.6602, 43.9167, 22.2788

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.



49.5135, 52.3649, 29.6272



44.3500, 52.3649, 91.7743



60.4688, 52.3649, 41.3206

Square

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



44.3500, 52.3649, 91.7743



60.7632, 52.3649, 74.7113



55.6172, 52.3649, 32.3727



40.1919, 52.3649, 42.3625

Rectangle

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



44.3500, 52.3649, 91.7743



54.1406, 52.3649, 94.3356



55.6172, 52.3649, 32.3727



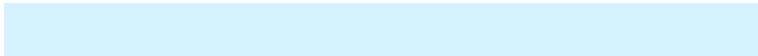
45.6436, 52.3649, 31.1222

Sweetspot

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



44.3517, 52.3669, 91.7756



77.6063, 85.0790, 106.9393



44.9484, 69.6154, 42.4781



16.1822, 17.8324, 22.8391



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.



44.3517, 52.3669, 91.7756



44.7551, 53.3278, 102.5422



32.4782, 28.6199, 87.8177



15.7996, 17.0333, 20.1766



15.9834, 18.1911, 47.7967



1.4187, 1.6914, 4.0059

Inverse Universe

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



53.5255, 35.6340, 59.9361



56.5020, 34.1895, 61.2588



65.0770, 70.7505, 26.7511



16.2283, 15.9410, 18.7584



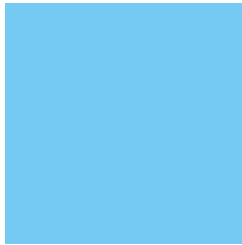
23.3933, 11.6298, 20.5195



1.9910, 0.9855, 1.9437

Previews

White Background



This preview shows how the XYZ color 44.3500, 52.3649, 91.7743 looks on a white background.

Color Contrast Check

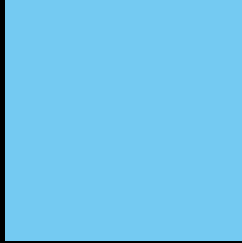
Large Text (above 18pt) WCAG AA × Fail

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 44.3500, 52.3649, 91.7743 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

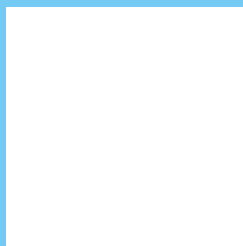
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3500, 52.3649, 91.7743

Background



This preview shows how black text looks on a background with the XYZ color 44.3500, 52.3649, 91.7743.



This preview shows how white text looks on a background with the XYZ color 44.3500, 52.3649,

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

44.3500, 52.3649, 91.7743

Protanopia

51.7280, 51.9817, 84.3979

Deuteranopia

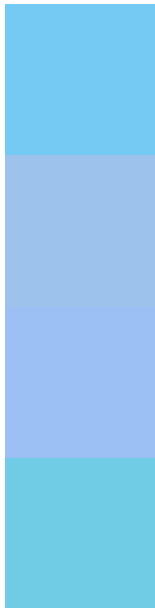
53.0741, 51.8365, 93.5943



Tritanopia

41.3228, 52.1878, 77.0025

Trichromacy



Original Color

44.3500, 52.3649, 91.7743

Protanomaly

48.3367, 51.8078, 86.8092

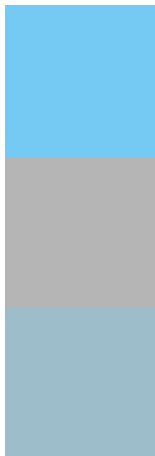
Deuteranomaly

49.0834, 51.3990, 92.9220

Tritanomaly

42.4178, 52.2876, 81.9856

Monochromacy



Original Color

44.3500, 52.3649, 91.7743

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.8817, 47.8751, 63.4806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3500, 52.3649, 91.7743 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(116, 202, 242)` looks like.

```
.text, #text, p{  
    color:rgb(116, 202, 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(116, 202, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 202, 242) }
```

Border

The CSS property to change the border of an element to XYZ 44.3500, 52.3649, 91.7743 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(116, 202, 242) }
```


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

```
.border{ border-color:rgb(116, 202, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 202, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 202, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 202, 242);  
box-shadow:4px 4px 4px 4px rgb(116, 202,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3500, 52.3649, 91.7743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 202, 242) }
```

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

```
.background{ background-color: rgb(116,  
202, 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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