

Converting Colors

XYZ(43.9822, 52.8262, 90.0830)

Have a look what the booklet for
XYZ(43.9822, 52.8262, 90.0830)
contains.

XYZ(44.1311, 52.9877, 90.3398)	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(44.1311, 52.9877,
90.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	71CCF0
RGB	113, 204, 240
RGB Percent	44%, 80%, 94%
CMY	0.5568, 0.2000, 0.0588
CMYK	0.53, 0.15, 0.00, 0.06
HSL	197°, 81%, 69%
HSV	197°, 53%, 94%
XYZ	44.1311, 52.9877, 90.3398
YIQ	180.8950, -65.7920, -8.0960

Conversions

Conversions Part 2

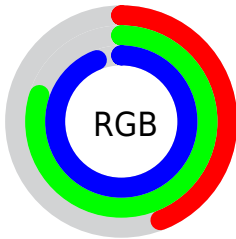
Format	Color
RYB	113, 166, 240
Decimal	7458032
CIELab	77.87, -17.43, -26.09
CIELCh	78, 31.378, 236.258
Yxy	52.9877, 0.2354, 0.2827
Android (android.graphics.Color)	4285648112 (0xFF71CCF0)
YUV	180.8950, 29.1388, -59.5439
Hunter-Lab	72.7927, -19.1702, -22.6274

Details

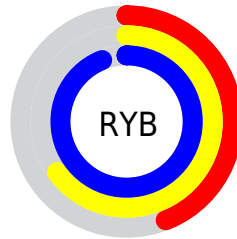
The XYZ color **44.1311, 52.9877, 90.3398** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **49.6647, 41.2141, 20.9621**, and the grayscale version is **43.7389, 46.0168, 50.1123**.

A 20% lighter version of the original color is **70.8233, 87.5107, 107.7662**, and **20.7770, 25.9018, 49.2519** is the 20% darker color. If you saturate the color by 10%, you get **39.8605, 48.4389, 89.6879**, and if you desaturate by 10%, it is **49.2921, 58.1025, 91.0560**.

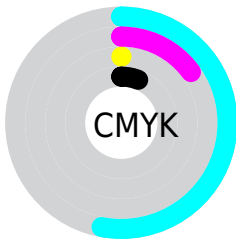
Distribution



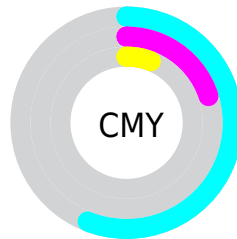
- Red (44%)
- Green (80%)
- Blue (94%)



- Red (44%)
- Yellow (65%)
- Blue (94%)



- Cyan (53%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (56%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1311, 52.9877, 90.3398 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 44.1311, 52.9877, 90.3398 by changing the saturation by 10% instead.

■ 44.1311, 52.9877,
90.3398

■ 44.1311, 52.9877,
90.3398

354.0862,
398.2379, 549.7342

■ 30.9719, 37.7930,
67.6872

■ 80.6601, 94.5863,
149.7499

■ 20.7292, 25.8220,
49.1782

■ 104.7607,
121.7589, 187.3446

■ 13.0375, 16.6905,
34.3943

■ 133.2391,
153.6929, 230.7570

■ 7.5316, 10.0141,
22.9168

166.4607,
190.7727, 280.4056

■ 3.8460, 5.4083,
14.3274

204.7908,
233.3827, 336.7092

■ 1.6154, 2.4888,
8.2074

248.5949,

■ 0.4024, 0.8710,

281.9073, 400.0861

4.1383

298.2382,
336.7309, 470.9549

■ 0.0000, 0.0000,
1.7015

■ 0.0000, 0.0000,
0.3618

■ 44.1311, 52.9877,
90.3398

■ 44.1311, 52.9877,
90.3398

■ 39.8605, 48.4389,
89.6879

■ 49.2921, 58.1025,
91.0560

■ 36.4083, 44.4145,
89.0930

■ 55.3978, 63.8095,
91.8358

■ 33.6993, 40.8753,
88.5527

■ 62.5042, 70.1397,
92.6831

■ 31.6405, 37.7722,
88.0622

■ 70.6610, 77.1202,
93.6005

■ 30.4752, 35.7851,
87.7401

■ 79.9148, 84.7760,
94.5905

■ 89.5669, 92.7483,
95.6206

■ 91.6611, 96.9367,
96.3187

■ 92.7284, 99.0713,
96.6745

Harmonies

Analogous

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



40.5689, 52.9877, 73.8507



44.1311, 52.9877, 90.3398



49.6023, 52.9877, 98.0768

Triad

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



44.1311, 52.9877, 90.3398



62.9837, 52.9877, 59.9126



45.3552, 52.9877, 32.5292

Complementary

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



44.1311, 52.9877, 90.3398



49.6647, 41.2141, 20.9621

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.



51.1318, 52.9877, 30.2692



44.1311, 52.9877, 90.3398



61.6192, 52.9877, 44.0854

Square

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



44.1311, 52.9877, 90.3398



60.7486, 52.9877, 78.4137



57.1561, 52.9877, 34.0470



41.2346, 52.9877, 40.9902

Rectangle

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



44.1311, 52.9877, 90.3398



53.7154, 52.9877, 96.2784



57.1561, 52.9877, 34.0470



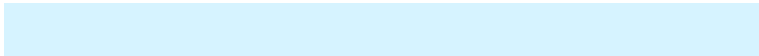
47.1535, 52.9877, 31.1032

Sweetspot

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



44.1328, 52.9897, 90.3411



78.0208, 85.9080, 107.0775



43.3952, 68.0016, 39.2672



16.2814, 18.0310, 22.8722



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.



44.1328, 52.9897, 90.3411



45.6161, 55.4462, 102.9057



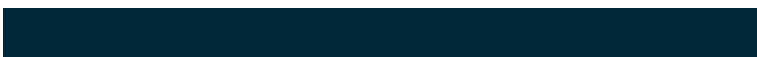
31.9937, 28.7115, 86.2947



15.8467, 17.1275, 20.1923



16.8011, 19.8265, 48.0692



1.4817, 1.8175, 4.0269

Inverse Universe

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



52.7409, 34.6969, 61.0461



56.8398, 33.9542, 64.1799



62.5817, 67.0480, 25.2677



16.2521, 15.9505, 18.8836



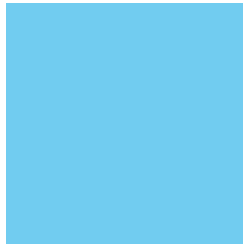
23.8060, 11.7948, 22.6929



2.0229, 0.9982, 2.1112

Previews

White Background



This preview shows how the XYZ color 44.1311, 52.9877, 90.3398 looks on a white background.

Color Contrast Check

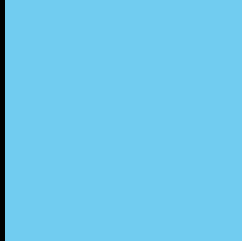
Large Text (above 18pt) WCAG AA × Fail

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 44.1311, 52.9877, 90.3398 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

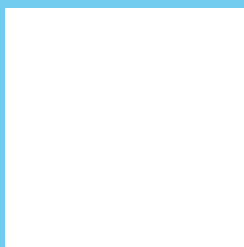
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.1311, 52.9877, 90.3398

Background



This preview shows how black text looks on a background with the XYZ color 44.1311, 52.9877, 90.3398.

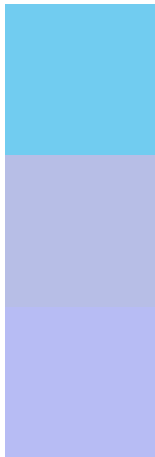


This preview shows how white text looks on a background with the XYZ color 44.1311, 52.9877,

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

44.1311, 52.9877, 90.3398

Protanopia

52.2248, 52.6074, 82.2646

Deuteranopia

53.8408, 52.5654, 92.8964



Tritanopia

41.8308, 53.1333, 78.5720

Trichromacy



Original Color

44.1311, 52.9877, 90.3398

Protanomaly

48.4669, 52.2398, 85.3707

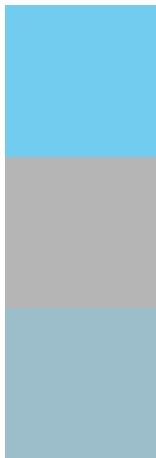
Deuteranomaly

49.5700, 52.3237, 92.2809

Tritanomaly

42.6609, 53.1070, 82.8651

Monochromacy



Original Color

44.1311, 52.9877, 90.3398

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.5686, 47.7274, 62.8458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1311, 52.9877, 90.3398 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(113, 204, 240)` looks like.

```
.text, #text, p{  
    color:rgb(113, 204, 240)  
}
```

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(113, 204, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 204, 240) }
```

Border

The CSS property to change the border of an element to XYZ 44.1311, 52.9877, 90.3398 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(113, 204, 240) }
```


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

```
.border{ border-color:rgb(113, 204, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 204, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 204, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 204, 240);  
box-shadow:4px 4px 4px 4px rgb(113, 204,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1311, 52.9877, 90.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 204, 240) }
```

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

```
.background{ background-color: rgb(113,  
204, 240) }
```

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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