

Converting Colors

XYZ(43.8481, 47.6105, 92.6641)

Have a look what the booklet for
XYZ(43.8481, 47.6105, 92.6641)
contains.

XYZ(43.8868, 47.7521, 92.4920)	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(43.8868, 47.7521,
92.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	83BDF4
RGB	131, 189, 244
RGB Percent	51%, 74%, 96%
CMY	0.4863, 0.2588, 0.0431
CMYK	0.46, 0.23, 0.00, 0.04
HSL	209°, 84%, 74%
HSV	209°, 46%, 96%
XYZ	43.8868, 47.7521, 92.4920
YIQ	177.9280, -52.2230, 4.8090

Conversions

Conversions Part 2

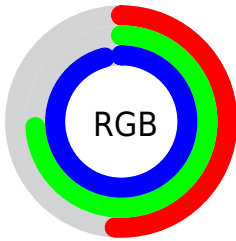
Format	Color
R_{YB}	131, 169, 244
Decimal	8633844
CIE Lab	74.67, -4.35, -33.09
CIE LCh	75, 33.374, 262.504
Yxy	47.7521, 0.2383, 0.2593
Android (android.graphics.Color)	4286823924 (0xFF83BDF4)
YUV	177.9280, 32.5735, -41.1559
Hunter-Lab	69.1029, -7.5659, -30.9857

Details

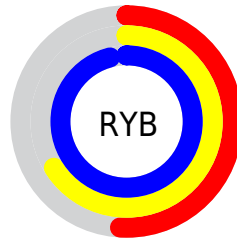
The XYZ color **43.8868, 47.7521, 92.4920** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.9653, 55.9914, 29.1742**, and the grayscale version is **42.1333, 44.3275, 48.2727**.

A 20% lighter version of the original color is **71.4414, 83.2162, 106.9047**, and **20.6289, 22.6556, 50.8627** is the 20% darker color. If you saturate the color by 10%, you get **38.0925, 41.1275, 91.5196**, and if you desaturate by 10%, it is **50.7833, 55.2574, 93.5781**.

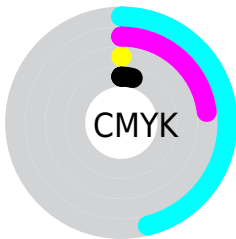
Distribution



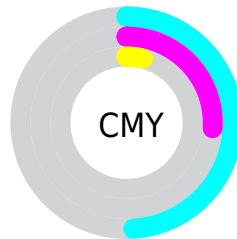
- Red (51%)
- Green (74%)
- Blue (96%)



- Red (51%)
- Yellow (66%)
- Blue (96%)



- Cyan (46%)
- Magenta (23%)
- Yellow (0%)
- Black (4%)



- Cyan (49%)
- Magenta (26%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8868, 47.7521, 92.4920 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 43.8868, 47.7521, 92.4920 by changing the saturation by 10% instead.

■ 43.8868, 47.7521,
92.4920

■ 43.8868, 47.7521,
92.4920

353.1062,
377.8087, 556.8822

■ 30.7791, 33.6306,
69.4640

■ 80.2948, 86.8352,
152.7607

■ 20.5817, 22.6100,
50.6156

■ 104.3257,
112.5656, 190.8386

■ 12.9293, 14.3058,
35.5282

■ 132.7284,
142.9344, 234.7701

■ 7.4565, 8.3336,
23.7832

165.8683,
178.3260, 284.9739

■ 3.7981, 4.3092,
14.9622

204.1106,
219.1249, 341.8684

■ 1.5885, 1.8480,
8.6465

247.8208,

■ 0.3849, 0.5168,

265.7153, 405.8723

4.4177

297.3642,
318.4818, 477.4041

■ 0.0000, 0.0000,
1.8572

■ 0.0000, 0.0000,
0.4653

■ 43.8868, 47.7521,
92.4920

■ 43.8868, 47.7521,
92.4920

■ 38.0925, 41.1275,
91.5196

■ 50.7833, 55.2574,
93.5781

■ 33.3272, 35.3355,
90.6528

■ 58.8392, 63.6772,
94.7787

■ 29.5155, 30.3306,
89.8877

■ 68.1132, 73.0496,
96.0989

■ 26.5680, 26.0588,
89.2184

■ 78.6586, 83.4086,
97.5426

■ 24.3745, 22.4547,
88.6384

■ 90.5250, 94.7866,
99.1134

■ 23.6932, 21.2596,
88.4436

■ 93.3293, 99.3117,
99.8390

Harmonies

Analogous

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



38.6706, 47.7521, 83.1427



43.8868, 47.7521, 92.4920



49.9844, 47.7521, 89.2263

Triad

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



43.8868, 47.7521, 92.4920



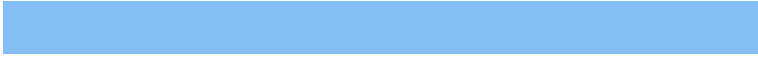
56.9991, 47.7521, 40.2613



36.7725, 47.7521, 34.2434

Complementary

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



43.8868, 47.7521, 92.4920



58.9653, 55.9914, 29.1742

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.



41.0804, 47.7521, 26.8977



43.8868, 47.7521, 92.4920



52.8392, 47.7521, 29.7957

Square

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



43.8868, 47.7521, 92.4920



57.9190, 47.7521, 56.4606



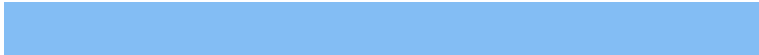
46.9209, 47.7521, 25.4729



34.8071, 47.7521, 47.7693

Rectangle

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



43.8868, 47.7521, 92.4920



53.7051, 47.7521, 80.6114



46.9209, 47.7521, 25.4729



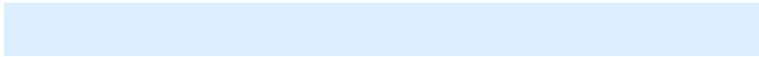
37.9753, 47.7521, 31.1047

Sweetspot

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



43.8884, 47.7539, 92.4931



77.8189, 83.2569, 106.5764



50.5345, 73.0568, 57.6807



16.1420, 17.3098, 22.7403



0.0000, 0.0000, 0.0000



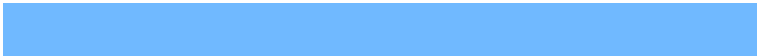
20.3446, 21.4041, 23.3091

Same Dimension

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



43.8884, 47.7539, 92.4931



42.2103, 45.5834, 101.1815



34.0624, 28.1020, 89.2178



16.2845, 17.3334, 21.0300



13.0204, 11.8346, 48.1361



1.2473, 1.2459, 4.2650

Inverse Universe

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



54.6113, 39.1415, 52.8225



55.8656, 36.4163, 50.2582



73.1930, 84.4466, 33.9167



16.8542, 16.6245, 18.9788



22.3766, 11.2941, 11.9576



2.0186, 1.0134, 1.3244

Previews

White Background



This preview shows how the XYZ color 43.8868, 47.7521, 92.4920 looks on a white background.

Color Contrast Check

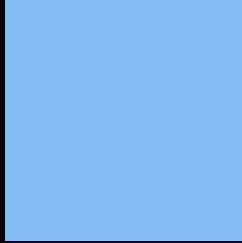
Large Text (above 18pt) WCAG AA × Fail

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 43.8868, 47.7521, 92.4920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

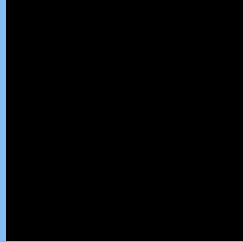
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

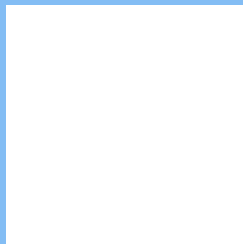
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8868, 47.7521, 92.4920

Background



This preview shows how black text looks on a background with the XYZ color 43.8868, 47.7521, 92.4920.



This preview shows how white text looks on a background with the XYZ color 43.8868, 47.7521,

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

43.8868, 47.7521, 92.4920

Protanopia

48.1049, 47.5456, 87.5307

Deuteranopia

48.6817, 47.4033, 93.7727



Tritanopia

39.1581, 47.7983, 68.7902

Trichromacy



Original Color

43.8868, 47.7521, 92.4920

Protanomaly

46.3862, 47.5408, 89.1696

Deuteranomaly

46.5518, 47.2318, 93.0493

Tritanomaly

40.8467, 47.8276, 76.8908

Monochromacy



Original Color

43.8868, 47.7521, 92.4920

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.0866, 45.2972, 62.4022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8868, 47.7521, 92.4920 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(131, 189, 244)` looks like.

```
.text, #text, p{  
    color:rgb(131, 189, 244)  
}
```

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(131, 189, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 189, 244) }
```

Border

The CSS property to change the border of an element to XYZ 43.8868, 47.7521, 92.4920 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(131, 189, 244) }
```


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

```
.border{ border-color:rgb(131, 189, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 189, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 189, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 189, 244);  
box-shadow:4px 4px 4px 4px rgb(131, 189,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8868, 47.7521, 92.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 189, 244) }
```

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

```
.background{ background-color: rgb(131,  
189, 244) }
```

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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