

Converting Colors

XYZ(43.7979, 48.4511, 87.4393)

Have a look what the booklet for
XYZ(43.7979, 48.4511, 87.4393)
contains.

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Color

**XYZ(43.7484, 48.4444,
87.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	86BFED
RGB	134, 191, 237
RGB Percent	53%, 75%, 93%
CMY	0.4745, 0.2510, 0.0706
CMYK	0.43, 0.19, 0.00, 0.07
HSL	207°, 74%, 73%
HSV	207°, 43%, 93%
XYZ	43.7484, 48.4444, 87.1657
YIQ	179.2010, -48.7380, 2.2220

Conversions

Conversions Part 2

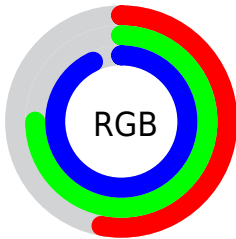
Format	Color
RYB	134, 171, 237
Decimal	8830957
CIELab	75.10, -6.64, -28.63
CIELCh	75, 29.389, 256.942
Yxy	48.4444, 0.2439, 0.2701
Android (android.graphics.Color)	4287021037 (0xFF86BFED)
YUV	179.2010, 28.4949, -39.6413
Hunter-Lab	69.6020, -9.6072, -25.5301

Details

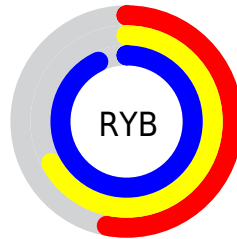
The XYZ color **43.7484, 48.4444, 87.1657** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.5506, 52.3696, 29.7364**, and the grayscale version is **42.8277, 45.0581, 49.0683**.

A 20% lighter version of the original color is **72.7966, 84.8179, 107.1424**, and **20.5709, 23.1329, 47.0969** is the 20% darker color. If you saturate the color by 10%, you get **38.1605, 42.2610, 86.2676**, and if you desaturate by 10%, it is **50.3527, 55.4015, 88.1614**.

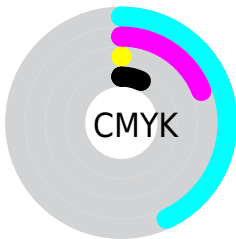
Distribution



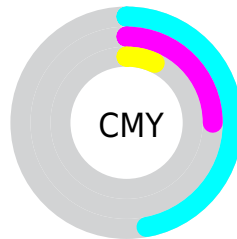
- Red (53%)
- Green (75%)
- Blue (93%)



- Red (53%)
- Yellow (67%)
- Blue (93%)



- Cyan (43%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (47%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7484, 48.4444, 87.1657 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 43.7484, 48.4444, 87.1657 by changing the saturation by 10% instead.

■ 43.7484, 48.4444,
87.1657

■ 43.7484, 48.4444,
87.1657

352.5502,
380.5509, 539.0975

■ 30.6698, 34.1789,
65.0719

■ 80.0877, 87.8657,
145.2960

■ 20.4981, 23.0311,
47.0677

■ 104.0791,
113.7903, 182.1696

■ 12.8680, 14.6165,
32.7344

■ 132.4389,
144.3702, 224.8069

■ 7.4141, 8.5507,
21.6536

165.5324,
179.9896, 273.6264

■ 3.7710, 4.4493,
13.4067

203.7249,
221.0330, 329.0467

■ 1.5734, 1.9279,
7.5752

247.3818,

■ 0.3750, 0.5651,

267.8847, 391.4863

3.7405

296.8684,
320.9292, 461.3637

■ 0.0000, 0.0000,
1.4841

■ 0.0000, 0.0000,
0.2060

■ 43.7484, 48.4444,
87.1657

■ 43.7484, 48.4444,
87.1657

■ 38.1605, 42.2610,
86.2676

■ 50.3527, 55.4015,
88.1614

■ 33.5236, 36.8092,
85.4597

■ 58.0239, 63.1603,
89.2546

■ 29.7712, 32.0505,
84.7389

■ 66.8147, 71.7538,
90.4500

■ 26.8253, 27.9391,
84.1006

■ 76.7726, 81.2114,
91.7507

■ 24.5917, 24.4207,
83.5392

■ 87.9425, 91.5607,
93.1596

■ 23.4237, 22.3894,
83.2087

■ 92.1300, 98.5820,
94.2941

■ 92.2862, 98.8945,
94.3462

Harmonies

Analogous

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



39.3412, 48.4444, 77.4728



43.7484, 48.4444, 87.1657



49.1236, 48.4444, 86.4419

Triad

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



43.7484, 48.4444, 87.1657



56.6593, 48.4444, 44.5820



38.8969, 48.4444, 35.0057

Complementary

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



43.7484, 48.4444, 87.1657



55.5506, 52.3696, 29.7364

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.



43.0977, 48.4444, 29.1919



43.7484, 48.4444, 87.1657



53.4700, 48.4444, 33.9374

Square

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



43.7484, 48.4444, 87.1657



56.8677, 48.4444, 59.7241



48.4205, 48.4444, 28.8433



36.6906, 48.4444, 46.3369

Rectangle

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



43.7484, 48.4444, 87.1657



52.5418, 48.4444, 80.1265



48.4205, 48.4444, 28.8433



40.1070, 48.4444, 32.4463

Sweetspot

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



43.7500, 48.4462, 87.1669



79.3459, 85.1612, 106.8635



48.2167, 68.8777, 53.2087



16.4633, 17.7262, 22.8037



0.0000, 0.0000, 0.0000



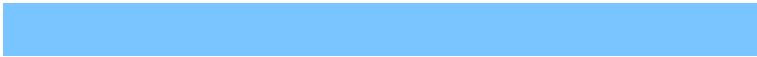
20.3446, 21.4041, 23.3091

Same Dimension

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



43.7500, 48.4462, 87.1669



45.8234, 50.7681, 101.9918



34.6243, 30.1949, 84.1250



14.9224, 15.9312, 19.2108



12.9214, 12.4898, 45.4727



1.1104, 1.1723, 3.6026

Inverse Universe

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



52.8555, 38.8179, 53.9989



58.1877, 39.2531, 56.6039



67.5632, 76.3947, 33.7406



15.4144, 15.1936, 17.4674



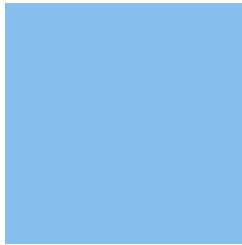
21.3774, 10.7537, 13.0548



1.7270, 0.8638, 1.2797

Previews

White Background



This preview shows how the XYZ color 43.7484, 48.4444, 87.1657 looks on a white background.

Color Contrast Check

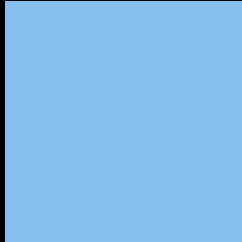
Large Text (above 18pt) WCAG AA × Fail

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 43.7484, 48.4444, 87.1657 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

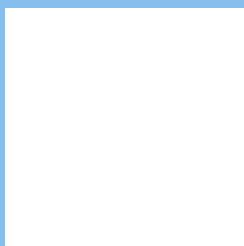
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7484, 48.4444, 87.1657

Background



This preview shows how black text looks on a background with the XYZ color 43.7484, 48.4444, 87.1657.



This preview shows how white text looks on a background with the XYZ color 43.7484, 48.4444,

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

43.7484, 48.4444, 87.1657

Protanopia

48.1650, 47.9961, 82.3269

Deuteranopia

49.3374, 48.1640, 88.3576



Tritanopia

40.2502, 48.6950, 68.9057

Trichromacy



Original Color

43.7484, 48.4444, 87.1657

Protanomaly

46.1575, 47.8502, 83.8940

Deuteranomaly

47.0797, 48.2419, 87.7192

Tritanomaly

41.4160, 48.4967, 74.8881

Monochromacy



Original Color

43.7484, 48.4444, 87.1657

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.4631, 45.8236, 61.2504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7484, 48.4444, 87.1657 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(134, 191, 237)` looks like.

```
.text, #text, p{  
    color:rgb(134, 191, 237)  
}
```

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(134, 191, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 191, 237) }
```

Border

The CSS property to change the border of an element to XYZ 43.7484, 48.4444, 87.1657 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(134, 191, 237) }
```


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

```
.border{ border-color:rgb(134, 191, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 191, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 191, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 191, 237);  
box-shadow:4px 4px 4px 4px rgb(134, 191,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7484, 48.4444, 87.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 191, 237) }
```

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

```
.background{ background-color: rgb(134,  
191, 237) }
```

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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