

Converting Colors

XYZ(44.0659, 48.8701, 74.9432)

Have a look what the booklet for
XYZ(44.0659, 48.8701, 74.9432)
contains.

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Color

**XYZ(44.1267, 48.9129,
74.8256)**

Conversions

Conversions Part 1

Format	Color
Hex	96BFDC
RGB	150, 191, 220
RGB Percent	59%, 75%, 86%
CMY	0.4118, 0.2510, 0.1372
CMYK	0.32, 0.13, 0.00, 0.14
HSL	205°, 50%, 73%
HSV	205°, 32%, 86%
XYZ	44.1267, 48.9129, 74.8256
YIQ	182.0470, -33.7450, 0.3270

Conversions

Conversions Part 2

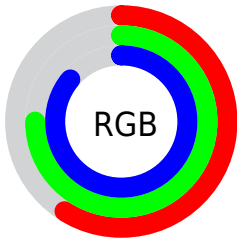
Format	Color
RYB	150, 176, 220
Decimal	9879516
CIELab	75.40, -6.79, -18.91
CIELCh	75, 20.094, 250.243
Yxy	48.9129, 0.2629, 0.2914
Android (android.graphics.Color)	4288069596 (0xFF96BFDC)
YUV	182.0470, 18.7108, -28.1052
Hunter-Lab	69.9378, -9.7679, -14.4773

Details

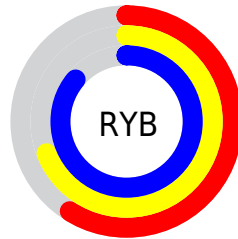
The XYZ color **44.1267, 48.9129, 74.8256** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.1411, 49.6584, 35.7450**, and the grayscale version is **44.4047, 46.7172, 50.8750**.

A 20% lighter version of the original color is **76.7644, 86.8633, 107.3281**, and **20.8098, 23.4350, 39.0239** is the 20% darker color. If you saturate the color by 10%, you get **38.5263, 43.1675, 74.0126**, and if you desaturate by 10%, it is **50.6138, 55.3013, 75.7176**.

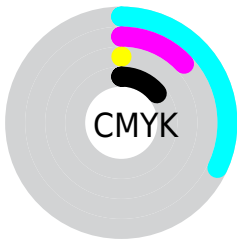
Distribution



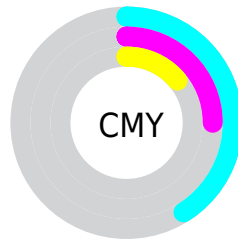
- Red (59%)
- Green (75%)
- Blue (86%)



- Red (59%)
- Yellow (69%)
- Blue (86%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)



- Cyan (41%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1267, 48.9129, 74.8256 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 44.1267, 48.9129, 74.8256 by changing the saturation by 10% instead.

■ 44.1267, 48.9129,
74.8256

■ 44.1267, 48.9129,
74.8256

354.0685,
382.3993, 496.5573

■ 30.9685, 34.5504,
54.9692

■ 80.6535, 88.5621,
127.8103

■ 20.7265, 23.3167,
38.9786

■ 104.7528,
114.6175, 161.7756

■ 13.0356, 14.8276,
26.4354

133.2299,
145.3394, 201.2810

■ 7.5302, 8.6985,
16.9209

166.4500,
181.1122, 246.7449

■ 3.8451, 4.5450,
10.0168

204.7786,
222.3201, 298.5860

■ 1.6149, 1.9829,
5.3043

248.5810,

■ 0.4021, 0.5975,

269.3477, 357.2227

2.3651

298.2225,
322.5793, 423.0737

■ 0.0000, 0.0000,
0.7673

■ 0.0000, 0.0000,
0.0000

■ 44.1267, 48.9129,
74.8256

■ 44.1267, 48.9129,
74.8256

■ 38.5263, 43.1675,
74.0126

■ 50.6138, 55.3013,
75.7176

■ 33.7632, 38.0330,
73.2726

■ 58.0246, 62.3516,
76.6879

■ 29.7899, 33.4824,
72.6037

■ 66.3993, 70.0888,
77.7399

■ 26.5515, 29.4842,
72.0026

■ 75.7743, 78.5347,
78.8760

■ 23.9855, 26.0023,
71.4658

■ 84.3191, 86.7486,
80.0111

■ 22.0173, 22.9947,
70.9890

■ 87.0189, 92.1484,
80.9111

■ 20.7506, 20.8318,
70.6383

■ 89.8548, 97.8201,
81.8563

■ 89.9184, 97.9474,
81.8776

Harmonies

Analogous

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



41.2687, 48.9129, 67.5340



44.1267, 48.9129, 74.8256



47.7668, 48.9129, 75.9281

Triad

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



44.1267, 48.9129, 74.8256



53.8481, 48.9129, 49.7165



42.0442, 48.9129, 39.1708

Complementary

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



44.1267, 48.9129, 74.8256



51.1411, 49.6584, 35.7450

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.



45.2367, 48.9129, 35.6193



44.1267, 48.9129, 74.8256



52.1346, 48.9129, 41.1502

Square

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



44.1267, 48.9129, 74.8256



53.5120, 48.9129, 60.4460



48.9367, 48.9129, 36.2924



40.1113, 48.9129, 46.6634

Rectangle

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



44.1267, 48.9129, 74.8256



50.1661, 48.9129, 72.8690



48.9367, 48.9129, 36.2924



42.9984, 48.9129, 37.5246

Sweetspot

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



44.1282, 48.9148, 74.8267



83.0050, 88.9246, 107.3971



46.2079, 60.8858, 51.4374



17.4281, 18.7174, 22.9442



0.0000, 0.0000, 0.0000



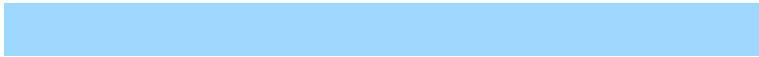
20.3446, 21.4041, 23.3091

Same Dimension

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



44.1282, 48.9148, 74.8267



56.4345, 63.0278, 103.7989



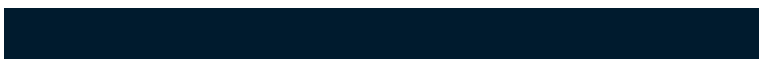
37.5541, 35.7666, 72.6354



12.9692, 13.8782, 16.6473



12.2905, 12.4505, 41.4938



0.8805, 0.9751, 2.7162

Inverse Universe

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



49.8268, 40.7912, 54.5396



65.7314, 50.6468, 70.5057



58.8155, 65.0072, 38.3031



13.3743, 13.1788, 15.2325



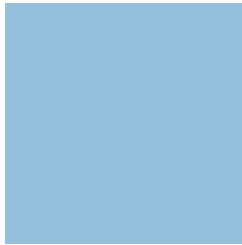
19.6990, 9.8806, 13.3269



1.3187, 0.6571, 1.0873

Previews

White Background



This preview shows how the XYZ color 44.1267, 48.9129, 74.8256 looks on a white background.

Color Contrast Check

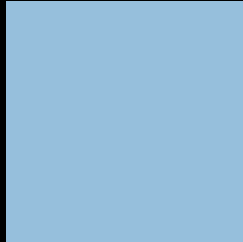
Large Text (above 18pt) WCAG AA × Fail

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 44.1267, 48.9129, 74.8256 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

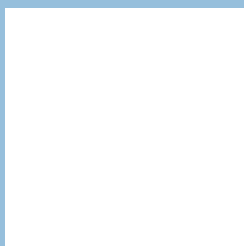
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.1267, 48.9129, 74.8256

Background



This preview shows how black text looks on a background with the XYZ color 44.1267, 48.9129, 74.8256.



This preview shows how white text looks on a background with the XYZ color 44.1267, 48.9129,

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

44.1267, 48.9129, 74.8256

Protanopia

47.9966, 48.7710, 71.1740

Deuteranopia

49.7163, 48.6360, 75.8746



Tritanopia

42.4878, 48.8970, 66.8732

Trichromacy



Original Color

44.1267, 48.9129, 74.8256

Protanomaly

46.4432, 48.8752, 72.6317

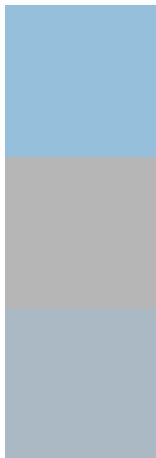
Deuteranomaly

47.4134, 48.6890, 75.3056

Tritanomaly

42.9460, 48.7486, 69.4333

Monochromacy



Original Color

44.1267, 48.9129, 74.8256

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.8903, 47.2295, 59.0275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1267, 48.9129, 74.8256 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(150, 191, 220)` looks like.

```
.text, #text, p{  
    color:rgb(150, 191, 220)  
}
```

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(150, 191, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 191, 220) }
```

Border

The CSS property to change the border of an element to XYZ 44.1267, 48.9129, 74.8256 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(150, 191, 220) }
```


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

```
.border{ border-color:rgb(150, 191, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 191, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 191, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 191, 220);  
box-shadow:4px 4px 4px 4px rgb(150, 191,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1267, 48.9129, 74.8256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 191, 220) }
```

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

```
.background{ background-color: rgb(150,  
191, 220) }
```

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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