

Converting Colors

XYZ(48.1108, 54.3460, 92.4466)

Have a look what the booklet for
XYZ(48.1108, 54.3460, 92.4466)
contains.

XYZ(48.1134, 54.2876, 92.7367)	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(48.1134, 54.2876,
92.7367)**

Conversions

Conversions Part 1

Format	Color
Hex	8CCAF3
RGB	140, 202, 243
RGB Percent	55%, 79%, 95%
CMY	0.4510, 0.2078, 0.0471
CMYK	0.42, 0.17, 0.00, 0.05
HSL	204°, 81%, 75%
HSV	204°, 42%, 95%
XYZ	48.1134, 54.2876, 92.7367
YIQ	188.1360, -50.1130, -0.3930

Conversions

Conversions Part 2

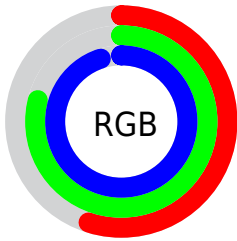
Format	Color
R _Y B	140, 179, 243
Decimal	9226995
CIE Lab	78.63, -9.40, -26.43
CIE LCh	79, 28.048, 250.422
Yxy	54.2876, 0.2466, 0.2782
Android (android.graphics.Color)	4287417075 (0xFF8CCAF3)
YUV	188.1360, 27.0480, -42.2153
Hunter-Lab	73.6801, -12.3790, -23.0486

Details

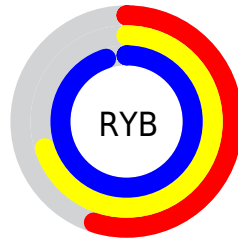
The XYZ color **48.1134, 54.2876, 92.7367** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.2208, 53.9971, 32.1666**, and the grayscale version is **47.7503, 50.2370, 54.7081**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **23.2157, 26.6525, 50.9346** is the 20% darker color. If you saturate the color by 10%, you get **42.2634, 48.0087, 91.8340**, and if you desaturate by 10%, it is **55.0132, 61.3213, 93.7317**.

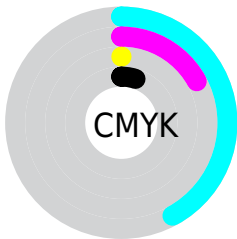
Distribution



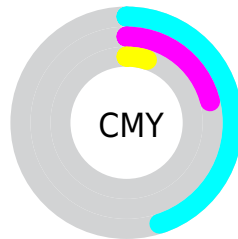
- Red (55%)
- Green (79%)
- Blue (95%)



- Red (55%)
- Yellow (70%)
- Blue (95%)



- Cyan (42%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (45%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1134, 54.2876, 92.7367 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 48.1134, 54.2876, 92.7367 by changing the saturation by 10% instead.

■ 48.1134, 54.2876,
92.7367

■ 48.1134, 54.2876,
92.7367

369.8166,
403.2058, 557.6918

■ 34.1283, 38.8316,
69.6662

■ 86.5819, 96.4964,
153.1026

■ 23.1556, 26.6288,
50.7794

■ 111.7960,
124.0180, 191.2351

■ 14.8297, 17.2946,
35.6575

141.4839,
156.3303, 235.2253

■ 8.7855, 10.4448,
23.8822

176.0108,
193.8177, 285.4919

■ 4.6575, 5.6948,
15.0349

215.7422,
236.8645, 342.4532

■ 2.0804, 2.6604,
8.6970

261.0434,

■ 0.6785, 0.9571,

285.8552, 406.5280

4.4500

312.2797,
341.1742, 478.1346

■ 0.0000, 0.0000,
1.8753

■ 0.0000, 0.0000,
0.4769

■ 48.1134, 54.2876,
92.7367

■ 48.1134, 54.2876,
92.7367

■ 42.2634, 48.0087,
91.8340

■ 55.0132, 61.3213,
93.7317

■ 37.3953, 42.4420,
91.0162

■ 63.0148, 69.1367,
94.8185

■ 33.4405, 37.5497,
90.2803

■ 72.1727, 77.7668,
96.0016

■ 30.3187, 33.2862,
89.6219

■ 82.5361, 87.2405,
97.2840

■ 27.9332, 29.5973,
89.0356

■ 91.7175, 96.3304,
98.5546

■ 26.4992, 27.1138,
88.6318

■ 93.1778, 99.2511,
99.0414

Harmonies

Analogous

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



43.9119, 54.2876, 81.1626



48.1134, 54.2876, 92.7367



53.5484, 54.2876, 94.4477

Triad

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



48.1134, 54.2876, 92.7367



62.7918, 54.2876, 53.7649



44.9998, 54.2876, 38.8066

Complementary

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



48.1134, 54.2876, 92.7367



58.2208, 53.9971, 32.1666

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.



49.6970, 54.2876, 33.9111



48.1134, 54.2876, 92.7367



60.1340, 54.2876, 41.4643

Square

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



48.1134, 54.2876, 92.7367



62.2918, 54.2876, 69.9251



55.2485, 54.2876, 34.7881



42.2052, 54.2876, 49.4718

Rectangle

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



48.1134, 54.2876, 92.7367



57.1787, 54.2876, 89.4879



55.2485, 54.2876, 34.7881



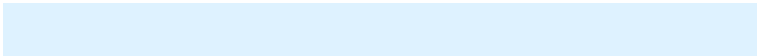
46.3941, 54.2876, 36.5262

Sweetspot

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



48.1152, 54.2897, 92.7380



79.8223, 86.1140, 107.0223



51.0529, 72.9521, 54.2967



16.5810, 17.9616, 22.8430



0.0000, 0.0000, 0.0000



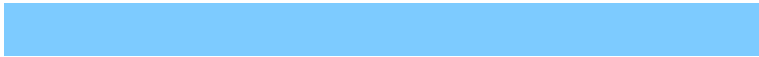
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1152, 54.2897, 92.7380



47.9113, 54.3986, 102.5825



38.2254, 34.5102, 89.4414



16.4110, 17.5863, 21.0721



14.6789, 15.1517, 48.6889



1.3904, 1.5322, 4.3127

Inverse Universe

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



57.0024, 42.0768, 60.9966



59.3747, 40.2375, 61.2833



70.2682, 78.0919, 36.1824



16.9180, 16.6501, 19.3149



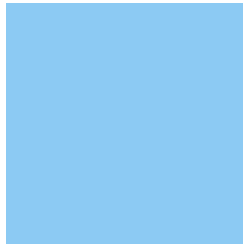
23.2138, 11.6289, 16.3659



2.0909, 1.0423, 1.7049

Previews

White Background



This preview shows how the XYZ color 48.1134, 54.2876, 92.7367 looks on a white background.

Color Contrast Check

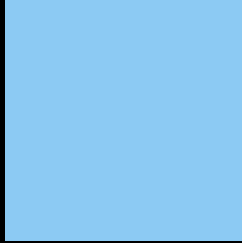
Large Text (above 18pt) WCAG AA × Fail

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 48.1134, 54.2876, 92.7367 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 48.1134, 54.2876, 92.7367

Background



This preview shows how black text looks on a background with the XYZ color 48.1134, 54.2876, 92.7367.



This preview shows how white text looks on a background with the XYZ color 48.1134, 54.2876,

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

48.1134, 54.2876, 92.7367

Protanopia

53.7571, 53.9457, 86.9361

Deuteranopia

55.2977, 53.9198, 94.6818



Tritanopia

45.0876, 54.4849, 77.2475

Trichromacy



Original Color

48.1134, 54.2876, 92.7367

Protanomaly

51.4684, 54.0367, 89.3788

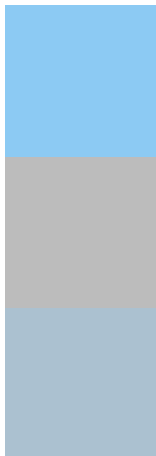
Deuteranomaly

52.1354, 53.6112, 93.9864

Tritanomaly

46.2676, 54.6101, 82.9651

Monochromacy



Original Color

48.1134, 54.2876, 92.7367

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.2497, 51.3519, 67.0961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1134, 54.2876, 92.7367 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(140, 202, 243)` looks like.

```
.text, #text, p{  
    color:rgb(140, 202, 243)  
}
```

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(140, 202, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 202, 243) }
```

Border

The CSS property to change the border of an element to XYZ 48.1134, 54.2876, 92.7367 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(140, 202, 243) }
```


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

```
.border{ border-color:rgb(140, 202, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 202, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 202, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 202, 243);  
box-shadow:4px 4px 4px 4px rgb(140, 202,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1134, 54.2876, 92.7367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 202, 243) }
```

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

```
.background{ background-color: rgb(140,  
202, 243) }
```

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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