

Converting Colors

XYZ(48.4200, 54.9483, 85.8960)

Have a look what the booklet for
XYZ(48.4200, 54.9483, 85.8960)
contains.

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Color

**XYZ(48.4200, 54.9483,
85.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	94CBEA
RGB	148, 203, 234
RGB Percent	58%, 80%, 92%
CMY	0.4196, 0.2039, 0.0823
CMYK	0.37, 0.13, 0.00, 0.08
HSL	202°, 67%, 75%
HSV	202°, 37%, 92%
XYZ	48.4200, 54.9483, 85.8960
YIQ	190.0890, -42.7310, -2.0190

Conversions

Conversions Part 2

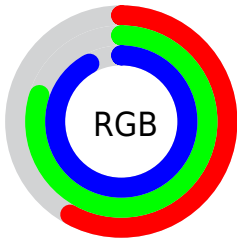
Format	Color
R_{YB}	148, 182, 234
Decimal	9751530
CIE _{Lab}	79.01, -10.20, -20.99
CIE _{LCh}	79, 23.335, 244.075
Yxy	54.9483, 0.2558, 0.2903
Android (android.graphics.Color)	4287941610 (0xFF94CBEA)
YUV	190.0890, 21.6481, -36.9121
Hunter-Lab	74.1271, -13.1259, -16.8143

Details

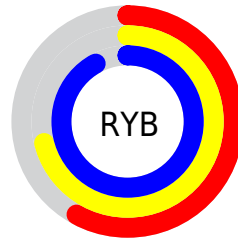
The XYZ color **48.4200, 54.9483, 85.8960** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.3982, 51.8718, 35.1111**, and the grayscale version is **48.8931, 51.4394, 56.0175**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **23.2975, 27.0364, 46.1101** is the 20% darker color. If you saturate the color by 10%, you get **42.6699, 49.1082, 85.0728**, and if you desaturate by 10%, it is **55.1375, 61.4505, 86.7980**.

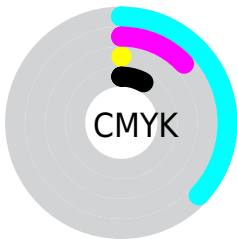
Distribution



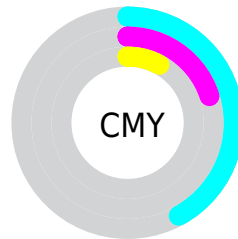
- Red (58%)
- Green (80%)
- Blue (92%)



- Red (58%)
- Yellow (71%)
- Blue (92%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (42%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4200, 54.9483, 85.8960 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 48.4200, 54.9483, 85.8960 by changing the saturation by 10% instead.

■ 48.4200, 54.9483,
85.8960

■ 48.4200, 54.9483,
85.8960

371.0094,
405.7159, 534.8099

■ 34.3722, 39.3603,
64.0276

■ 87.0353, 97.4652,
143.5096

■ 23.3440, 27.0402,
46.2267

■ 112.3336,
125.1629, 180.0919

■ 14.9698, 17.6034,
32.0748

142.1128,
157.6660, 222.4158

■ 8.8844, 10.6656,
21.1533

176.7382,
195.3589, 270.9000

■ 4.7223, 5.8425,
13.0438

216.5752,
238.6259, 325.9630

■ 2.1184, 2.7495,
7.3276

261.9892,

■ 0.6992, 1.0024,

287.8515, 388.0233

3.5863

313.3455,
343.4200, 457.4994

■ 0.0000, 0.0000,
1.4012

■ 0.0000, 0.0000,
0.1427

■ 48.4200, 54.9483,
85.8960

■ 48.4200, 54.9483,
85.8960

■ 42.6699, 49.1082,
85.0728

■ 55.1375, 61.4505,
86.7980

■ 37.8284, 43.8936,
84.3214

■ 62.8664, 68.6363,
87.7776

■ 33.8380, 39.2735,
83.6400

■ 71.6541, 76.5336,
88.8388

■ 30.6319, 35.2108,
83.0248

■ 81.5433, 85.1669,
89.9840

■ 28.1320, 31.6626,
82.4717

■ 88.7973, 92.6122,
91.0387

■ 26.2393, 28.5750,
81.9754

■ 91.4100, 97.8376,
91.9096

■ 25.7029, 27.6435,
81.8239

■ 91.8515, 98.7206,
92.0568

Harmonies

Analogous

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



45.1754, 54.9483, 75.3281



48.4200, 54.9483, 85.8960



52.8636, 54.9483, 89.1280

Triad

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



48.4200, 54.9483, 85.8960



61.6474, 54.9483, 58.0309



47.3828, 54.9483, 41.0518

Complementary

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



48.4200, 54.9483, 85.8960



55.3982, 51.8718, 35.1111

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.



51.5949, 54.9483, 37.7782



48.4200, 54.9483, 85.8960



59.9760, 54.9483, 46.6172

Square

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



48.4200, 54.9483, 85.8960



60.6743, 54.9483, 71.7183



56.2279, 54.9483, 39.6546



44.6020, 54.9483, 49.3328

Rectangle

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



48.4200, 54.9483, 85.8960



55.9538, 54.9483, 86.3409



56.2279, 54.9483, 39.6546



48.6689, 54.9483, 39.3899

Sweetspot

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



48.4217, 54.9504, 85.8973



82.3317, 88.7807, 107.4048



49.6829, 68.3611, 52.7502



17.3110, 18.7229, 22.9514



0.0000, 0.0000, 0.0000



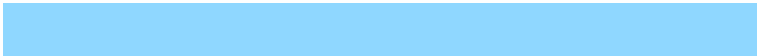
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4217, 54.9504, 85.8973



53.5310, 61.4177, 103.6411



39.7930, 37.6929, 83.0210



15.0346, 16.1556, 19.2482



14.5669, 15.7808, 46.0212



1.2345, 1.4204, 3.6440

Inverse Universe

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



55.3026, 42.9857, 61.8845



63.2414, 45.7285, 69.4856



65.1610, 71.3975, 38.3654



15.4710, 15.2163, 17.7656



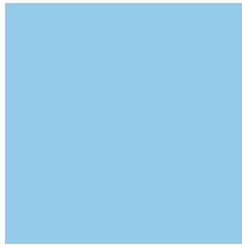
22.2080, 11.0859, 17.4285



1.7896, 0.8888, 1.6094

Previews

White Background



This preview shows how the XYZ color 48.4200, 54.9483, 85.8960 looks on a white background.

Color Contrast Check

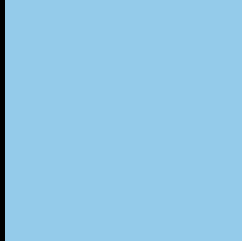
Large Text (above 18pt) WCAG AA × Fail

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 48.4200, 54.9483, 85.8960 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 48.4200, 54.9483, 85.8960

Background



This preview shows how black text looks on a background with the XYZ color 48.4200, 54.9483, 85.8960.



This preview shows how white text looks on a background with the XYZ color 48.4200, 54.9483,

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

48.4200, 54.9483, 85.8960

Protanopia

53.8126, 54.4327, 81.0691

Deuteranopia

55.9092, 54.7135, 87.7348



Tritanopia

46.6932, 54.9563, 77.2539

Trichromacy



Original Color

48.4200, 54.9483, 85.8960

Protanomaly

51.4828, 54.5299, 82.6748

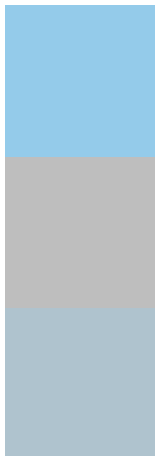
Deuteranomaly

52.7869, 54.4335, 87.0814

Tritanomaly

47.1744, 54.7877, 80.0402

Monochromacy



Original Color

48.4200, 54.9483, 85.8960

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.3349, 52.6004, 65.9979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4200, 54.9483, 85.8960 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(148, 203, 234)` looks like.

```
.text, #text, p{  
    color:rgb(148, 203, 234)  
}
```

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(148, 203, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 203, 234) }
```

Border

The CSS property to change the border of an element to XYZ 48.4200, 54.9483, 85.8960 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(148, 203, 234) }
```


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

```
.border{ border-color:rgb(148, 203, 234) }
```

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

Here you see how a box with a 4 pixel rgb(148, 203, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 203, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 203, 234);  
box-shadow:4px 4px 4px 4px rgb(148, 203,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4200, 54.9483, 85.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 203, 234) }
```

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

```
.background{ background-color: rgb(148,  
203, 234) }
```

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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