

Converting Colors

XYZ(48.1742, 54.8710, 83.6534)

Have a look what the booklet for
XYZ(48.1742, 54.8710, 83.6534)
contains.

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Color

**XYZ(48.1742, 54.8710,
83.6534)**

Conversions

Conversions Part 1

Format	Color
Hex	95CBE7
RGB	149, 203, 231
RGB Percent	58%, 80%, 91%
CMY	0.4157, 0.2039, 0.0941
CMYK	0.35, 0.12, 0.00, 0.09
HSL	200°, 63%, 75%
HSV	200°, 35%, 91%
XYZ	48.1742, 54.8710, 83.6534
YIQ	190.0460, -41.1720, -2.7400

Conversions

Conversions Part 2

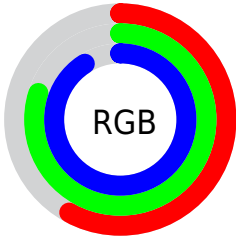
Format	Color
R_{YB}	149, 182, 231
Decimal	9817063
CIE _{Lab}	78.97, -10.69, -19.44
CIE _{LCh}	79, 22.185, 241.202
Yxy	54.8710, 0.2580, 0.2939
Android (android.graphics.Color)	4288007143 (0xFF95CBE7)
YUV	190.0460, 20.1903, -35.9973
Hunter-Lab	74.0750, -13.5448, -15.1042

Details

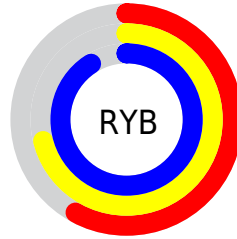
The XYZ color **48.1742, 54.8710, 83.6534** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **54.1029, 50.6039, 35.3513**, and the grayscale version is **48.8759, 51.4212, 55.9977**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **23.2046, 27.0229, 44.5504** is the 20% darker color. If you saturate the color by 10%, you get **42.5551, 49.2803, 82.8714**, and if you desaturate by 10%, it is **54.7273, 61.0865, 84.5087**.

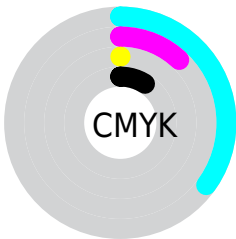
Distribution



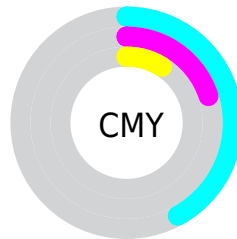
- Red (58%)
- Green (80%)
- Blue (91%)



- Red (58%)
- Yellow (71%)
- Blue (91%)



- Cyan (35%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1742, 54.8710, 83.6534 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 48.1742, 54.8710, 83.6534 by changing the saturation by 10% instead.

■ 48.1742, 54.8710,
83.6534

■ 48.1742, 54.8710,
83.6534

370.0533,
405.4228, 527.1895

■ 34.1767, 39.2984,
62.1856

■ 86.6718, 97.3519,
140.3476

■ 23.1929, 26.9920,
44.7459

■ 111.9027,
125.0291, 176.4111

■ 14.8575, 17.5672,
30.9158

141.6087,
157.5099, 218.1769

■ 8.8051, 10.6397,
20.2769

176.1552,
195.1788, 266.0636

■ 4.6704, 5.8251,
12.4104

215.9075,
238.4201, 320.4896

■ 2.0879, 2.7390,
6.8979

261.2311,

■ 0.6826, 0.9971,

287.6183, 381.8736

3.3208

312.4912,
343.1577, 450.6340

■ 0.0000, 0.0000,
1.2607

■ 0.0000, 0.0000,
0.0293

■ 48.1742, 54.8710,
83.6534

■ 48.1742, 54.8710,
83.6534

■ 42.5551, 49.2803,
82.8714

■ 54.7273, 61.0865,
84.5087

■ 37.8139, 44.2794,
82.1560

■ 62.2562, 67.9464,
85.4360

■ 33.8959, 39.8395,
81.5055

■ 70.8062, 75.4775,
86.4390

■ 30.7376, 35.9255,
80.9165

■ 80.4184, 83.7028,
87.5200

■ 28.2655, 32.4974,
80.3851

■ 87.5474, 90.7965,
88.5135

■ 26.3890, 29.5062,
79.9067

■ 89.9516, 95.6049,
89.3149

■ 25.6729, 28.2675,
79.7053

■ 91.4240, 98.5496,
89.8057

Harmonies

Analogous

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



45.2313, 54.8710, 73.2299



48.1742, 54.8710, 83.6534



52.3314, 54.8710, 87.4620

Triad

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



48.1742, 54.8710, 83.6534



61.0986, 54.8710, 59.2371



47.8825, 54.8710, 41.2876

Complementary

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



48.1742, 54.8710, 83.6534



54.1029, 50.6039, 35.3513

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.



51.9755, 54.8710, 38.6062



48.1742, 54.8710, 83.6534



59.7476, 54.8710, 48.0266

Square

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



48.1742, 54.8710, 83.6534



59.9426, 54.8710, 72.2238



56.3456, 54.8710, 40.8906



45.0697, 54.8710, 48.7937

Rectangle

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



48.1742, 54.8710, 83.6534



55.2805, 54.8710, 85.3665



56.3456, 54.8710, 40.8906



49.1462, 54.8710, 39.8438

Sweetspot

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



48.1759, 54.8731, 83.6547



82.4932, 89.1035, 107.4586



48.8412, 66.6904, 51.5473



17.3495, 18.8000, 22.9643



0.0000, 0.0000, 0.0000



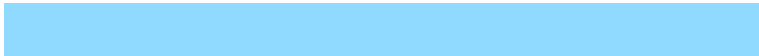
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1759, 54.8731, 83.6547



54.7465, 63.1869, 103.9186



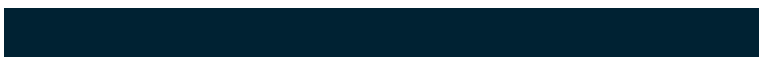
39.8578, 38.2368, 80.8820



14.3714, 15.4641, 18.3718



14.5120, 16.0862, 44.7232



1.1578, 1.3596, 3.3334

Inverse Universe

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



54.4834, 42.7972, 61.8913



64.0164, 46.6569, 71.6603



63.2798, 68.9578, 38.4103



14.7750, 14.5272, 17.0158



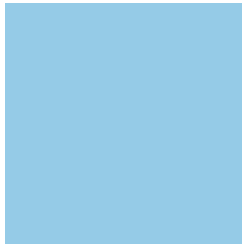
21.7185, 10.8216, 17.9445



1.6480, 0.8169, 1.5531

Previews

White Background



This preview shows how the XYZ color 48.1742, 54.8710, 83.6534 looks on a white background.

Color Contrast Check

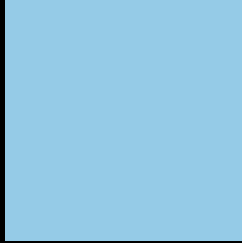
Large Text (above 18pt) WCAG AA × Fail

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 48.1742, 54.8710, 83.6534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

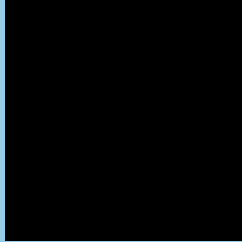
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1742, 54.8710, 83.6534

Background



This preview shows how black text looks on a background with the XYZ color 48.1742, 54.8710, 83.6534.



This preview shows how white text looks on a background with the XYZ color 48.1742, 54.8710,

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

48.1742, 54.8710, 83.6534

Protanopia

53.6468, 54.3950, 78.9060

Deuteranopia

55.7704, 54.3695, 85.3969



Tritanopia

46.9151, 55.0861, 76.5666

Trichromacy



Original Color

48.1742, 54.8710, 83.6534

Protanomaly

51.2869, 54.4772, 80.4851

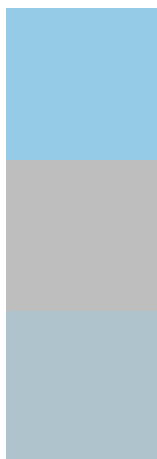
Deuteranomaly

52.5832, 54.3784, 84.8154

Tritanomaly

47.3962, 54.9179, 79.3363

Monochromacy



Original Color

48.1742, 54.8710, 83.6534

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.2137, 52.5520, 65.3600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1742, 54.8710, 83.6534 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(149, 203, 231)` looks like.

```
.text, #text, p{  
    color:rgb(149, 203, 231)  
}
```

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(149, 203, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 203, 231) }
```

Border

The CSS property to change the border of an element to XYZ 48.1742, 54.8710, 83.6534 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(149, 203, 231) }
```


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

```
.border{ border-color:rgb(149, 203, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 203, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 203, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 203, 231);  
box-shadow:4px 4px 4px 4px rgb(149, 203,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1742, 54.8710, 83.6534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 203, 231) }
```

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

```
.background{ background-color: rgb(149,  
203, 231) }
```

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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