

Converting Colors

XYZ(43.7890, 54.2287, 83.0232)

Have a look what the booklet for
XYZ(43.7890, 54.2287, 83.0232)
contains.

XYZ(43.9090, 54.4698, 83.0624)	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(43.9090, 54.4698,
83.0624)**

Conversions

Conversions Part 1

Format	Color
Hex	73D0E6
RGB	115, 208, 230
RGB Percent	45%, 82%, 90%
CMY	0.5490, 0.1843, 0.0980
CMYK	0.50, 0.10, 0.00, 0.10
HSL	191°, 70%, 68%
HSV	191°, 50%, 90%
XYZ	43.9090, 54.4698, 83.0624
YIQ	182.7010, -62.4900, -12.8740

Conversions

Conversions Part 2

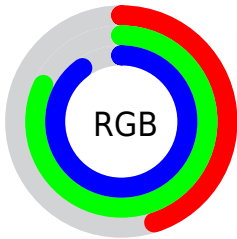
Format	Color
RYB	115, 166, 230
Decimal	7590118
CIELab	78.73, -21.82, -19.41
CIELCh	79, 29.201, 221.656
Yxy	54.4698, 0.2420, 0.3002
Android (android.graphics.Color)	4285780198 (0xFF73D0E6)
YUV	182.7010, 23.3184, -59.3738
Hunter-Lab	73.8037, -22.9590, -15.0654

Details

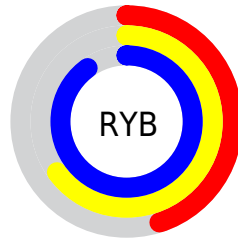
The XYZ color **43.9090, 54.4698, 83.0624** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **44.6744, 35.9532, 20.8061**, and the grayscale version is **44.7484, 47.0788, 51.2689**.

A 20% lighter version of the original color is **71.0436, 87.6242, 107.7765**, and **20.4994, 26.5953, 44.0974** is the 20% darker color. If you saturate the color by 10%, you get **40.1960, 50.9864, 82.5867**, and if you desaturate by 10%, it is **48.4096, 58.4058, 83.5859**.

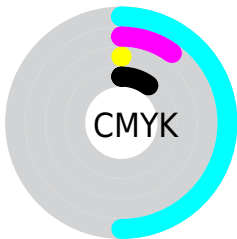
Distribution



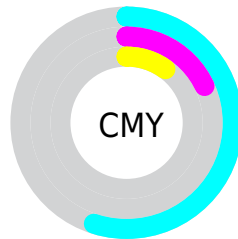
- Red (45%)
- Green (82%)
- Blue (90%)



- Red (45%)
- Yellow (65%)
- Blue (90%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (55%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9090, 54.4698, 83.0624 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 43.9090, 54.4698, 83.0624 by changing the saturation by 10% instead.

■ 43.9090, 54.4698,
83.0624

■ 43.9090, 54.4698,
83.0624

353.1953,
403.8990, 525.1709

■ 30.7966, 38.9774,
61.7007

■ 80.3280, 96.7637,
139.5129

■ 20.5951, 26.7421,
44.3567

■ 104.3653,
124.3340, 175.4387

■ 12.9391, 17.3797,
30.6118

■ 132.7749,
156.6990, 217.0564

■ 7.4633, 10.5055,
20.0474

165.9222,
194.2431, 264.7845

■ 3.8024, 5.7354,
12.2451

204.1725,
237.3508, 319.0414

■ 1.5910, 2.6849,
6.7863

247.8912,

■ 0.3865, 0.9695,

286.4064, 380.2457

3.2524

297.4437,
341.7943, 448.8161

■ 0.0000, 0.0000,
1.2249

■ 0.0000, 0.0000,
0.0000

■ 43.9090, 54.4698,
83.0624

■ 43.9090, 54.4698,
83.0624

■ 40.1960, 50.9864,
82.5867

■ 48.4096, 58.4058,
83.5859

■ 37.2081, 47.9194,
82.1522

■ 53.7442, 62.8150,
84.1558

■ 34.8813, 45.2368,
81.7570

■ 59.9615, 67.7242,
84.7757

■ 33.1378, 42.8979,
81.3975

■ 67.1051, 73.1561,
85.4476

■ 31.8431, 40.8331,
81.0672

■ 75.2154, 79.1319,
86.1736

■ 31.8429, 40.8328,
81.0671

■ 84.3305, 85.6717,
86.9555

■ 86.3316, 88.5901,
87.4134

■ 87.6340, 91.1950,
87.8475

■ 88.9680, 93.8630,
88.2922

Harmonies

Analogous

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



41.6382, 54.4698, 65.9700



43.9090, 54.4698, 83.0624



48.3545, 54.4698, 94.9144

Triad

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



43.9090, 54.4698, 83.0624



63.0461, 54.4698, 69.8930



49.5601, 54.4698, 33.2916

Complementary

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



43.9090, 54.4698, 83.0624



44.6744, 35.9532, 20.8061

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.



55.3467, 54.4698, 33.9493



43.9090, 54.4698, 83.0624



63.4293, 54.4698, 53.1109

Square

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



43.9090, 54.4698, 83.0624



59.5106, 54.4698, 86.3902



60.5216, 54.4698, 40.5788



44.7350, 54.4698, 38.5755

Rectangle

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



43.9090, 54.4698, 83.0624



52.0936, 54.4698, 97.1246



60.5216, 54.4698, 40.5788



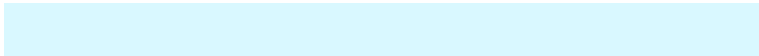
51.4515, 54.4698, 32.8561

Sweetspot

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



43.9107, 54.4719, 83.0637



80.0611, 88.8735, 107.5424



39.8182, 62.0196, 33.1975



16.7330, 18.7146, 22.9803



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.



43.9107, 54.4719, 83.0637



50.6531, 64.2921, 104.3477



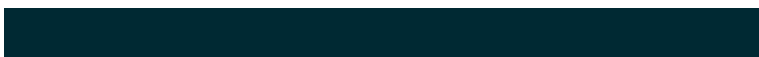
32.4883, 31.6272, 79.2562



14.5609, 15.8431, 18.4349



18.1132, 23.2886, 45.9236



1.3989, 1.8418, 3.4137

Inverse Universe

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



50.1504, 33.6400, 63.5267



59.6821, 36.2391, 75.6084



54.9281, 56.4606, 24.2240



14.8707, 14.5655, 17.5194



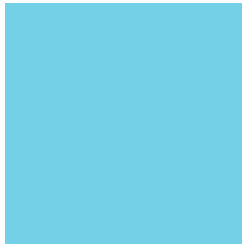
23.5362, 11.5487, 27.5165



1.7698, 0.8656, 2.1940

Previews

White Background



This preview shows how the XYZ color 43.9090, 54.4698, 83.0624 looks on a white background.

Color Contrast Check

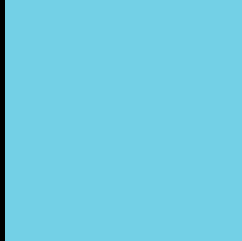
Large Text (above 18pt) WCAG AA × Fail

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 43.9090, 54.4698, 83.0624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

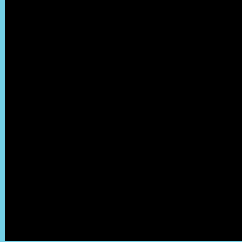
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9090, 54.4698, 83.0624

Background



This preview shows how black text looks on a background with the XYZ color 43.9090, 54.4698, 83.0624.



This preview shows how white text looks on a background with the XYZ color 43.9090, 54.4698,

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

43.9090, 54.4698, 83.0624

Protanopia

52.7542, 53.6854, 75.2920

Deuteranopia

55.2571, 54.1049, 85.3728



Tritanopia

43.4674, 54.6693, 80.2128

Trichromacy



Original Color

43.9090, 54.4698, 83.0624

Protanomaly

48.5489, 53.4514, 78.2794

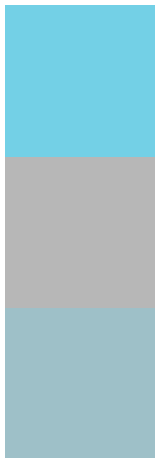
Deuteranomaly

50.1913, 53.8150, 84.8328

Tritanomaly

43.6050, 54.7244, 80.9377

Monochromacy



Original Color

43.9090, 54.4698, 83.0624

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.3755, 49.1385, 61.8421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9090, 54.4698, 83.0624 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(115, 208, 230)` looks like.

```
.text, #text, p{  
    color:rgb(115, 208, 230)  
}
```

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(115, 208, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 208, 230) }
```

Border

The CSS property to change the border of an element to XYZ 43.9090, 54.4698, 83.0624 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(115, 208, 230) }
```


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

```
.border{ border-color:rgb(115, 208, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 208, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 208, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 208, 230);  
box-shadow:4px 4px 4px 4px rgb(115, 208,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9090, 54.4698, 83.0624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 208, 230) }
```

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

```
.background{ background-color: rgb(115,  
208, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor