

Converting Colors

XYZ(43.4758, 49.1516, 78.4300)

Have a look what the booklet for
XYZ(43.4758, 49.1516, 78.4300)
contains.

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Color

**XYZ(43.4758, 49.1516,
78.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC1E1
RGB	140, 193, 225
RGB Percent	55%, 76%, 88%
CMY	0.4510, 0.2431, 0.1176
CMYK	0.38, 0.14, 0.00, 0.12
HSL	203°, 59%, 72%
HSV	203°, 38%, 88%
XYZ	43.4758, 49.1516, 78.4300
YIQ	180.8010, -41.8600, -1.2840

Conversions

Conversions Part 2

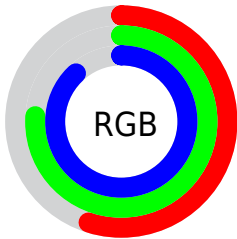
Format	Color
RYB	140, 173, 225
Decimal	9224673
CIELab	75.55, -9.35, -21.45
CIELCh	76, 23.393, 246.453
Yxy	49.1516, 0.2542, 0.2873
Android (android.graphics.Color)	4287414753 (0xFF8CC1E1)
YUV	180.8010, 21.7901, -35.7825
Hunter-Lab	70.1082, -11.9972, -17.2519

Details

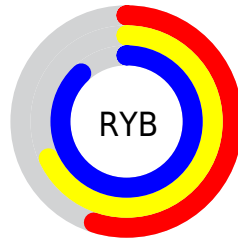
The XYZ color **43.4758, 49.1516, 78.4300** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **50.5385, 47.4070, 31.2992**, and the grayscale version is **43.7171, 45.9938, 50.0872**.

A 20% lighter version of the original color is **74.6906, 86.7071, 107.4073**, and **20.4715, 23.6369, 41.5136** is the 20% darker color. If you saturate the color by 10%, you get **38.2462, 43.7561, 77.6650**, and if you desaturate by 10%, it is **49.5909, 55.1651, 79.2693**.

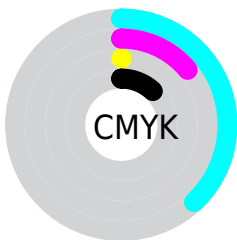
Distribution



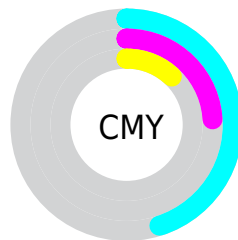
- Red (55%)
- Green (76%)
- Blue (88%)



- Red (55%)
- Yellow (68%)
- Blue (88%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (45%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4758, 49.1516, 78.4300 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 43.4758, 49.1516, 78.4300 by changing the saturation by 10% instead.

■ 43.4758, 49.1516,
78.4300

■ 43.4758, 49.1516,
78.4300

351.4533,
383.3388, 509.1925

■ 30.4547, 34.7398,
57.9087

■ 79.6796, 88.9166,
132.9475

■ 20.3338, 23.4625,
41.3211

■ 103.5931,
115.0385, 167.7808

■ 12.7476, 14.9354,
28.2485

131.8681,
145.8325, 208.2219

■ 7.3308, 8.7740,
18.2724

164.8700,
181.6831, 254.6892

■ 3.7180, 4.5941,
10.9742

202.9641,
222.9747, 307.6014

■ 1.5438, 2.0111,
5.9356

246.5157,

■ 0.3554, 0.6139,

270.0915, 367.3770

2.7378

295.8904,
323.4181, 434.4345

■ 0.0000, 0.0000,
0.9624

■ 0.0000, 0.0000,
0.0000

■ 43.4758, 49.1516,
78.4300

■ 43.4758, 49.1516,
78.4300

■ 38.2462, 43.7561,
77.6650

■ 49.5909, 55.1651,
79.2693

■ 33.8481, 38.9447,
76.9682

■ 56.6321, 61.8167,
80.1821

■ 30.2284, 34.6884,
76.3374

■ 64.6430, 69.1325,
81.1719

■ 27.3255, 30.9528,
75.7693

■ 73.6629, 77.1352,
82.2412

■ 25.0668, 27.6975,
75.2601

■ 83.7287, 85.8463,
83.3921

■ 23.3534, 24.8686,
74.8043

■ 87.1290, 91.2927,
84.2641

■ 23.0124, 24.2796,
74.7086

■ 89.7341, 96.5030,
85.1325

■ 90.5908, 98.2163,
85.4181

Harmonies

Analogous

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



40.3477, 49.1516, 68.9378



43.4758, 49.1516, 78.4300



47.6572, 49.1516, 80.8156

Triad

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



43.4758, 49.1516, 78.4300



55.4691, 49.1516, 50.8876



41.9522, 49.1516, 36.5690

Complementary

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



43.4758, 49.1516, 78.4300



50.5385, 47.4070, 31.2992

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.



45.7895, 49.1516, 33.1842



43.4758, 49.1516, 78.4300



53.7239, 49.1516, 40.5878

Square

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



43.4758, 49.1516, 78.4300



54.7555, 49.1516, 63.5980



50.1157, 49.1516, 34.5332



39.5067, 49.1516, 44.5632

Rectangle

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



43.4758, 49.1516, 78.4300



50.5170, 49.1516, 77.7738



50.1157, 49.1516, 34.5332



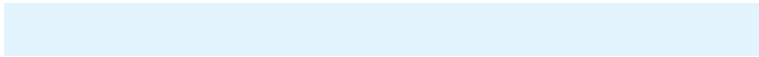
43.1128, 49.1516, 34.9155

Sweetspot

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



43.4774, 49.1535, 78.4311



82.1961, 88.5095, 107.3596



45.1083, 62.3736, 48.2747



17.2786, 18.6581, 22.9406



0.0000, 0.0000, 0.0000



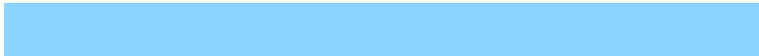
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4774, 49.1535, 78.4311



52.4013, 59.8050, 103.3894



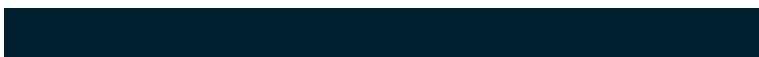
35.5275, 33.2539, 75.7812



13.6604, 14.6600, 17.4974



13.3765, 14.2225, 43.0886



1.0125, 1.1564, 3.0151

Inverse Universe

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



50.0564, 38.6155, 55.2693



62.5133, 44.8328, 67.5149



59.7483, 65.8267, 34.3692



14.0648, 13.8436, 16.1115



20.6920, 10.3438, 15.5758



1.4773, 0.7342, 1.3063

Previews

White Background



This preview shows how the XYZ color 43.4758, 49.1516, 78.4300 looks on a white background.

Color Contrast Check

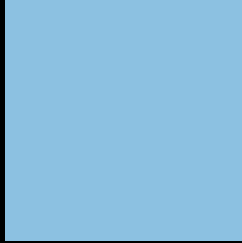
Large Text (above 18pt) WCAG AA × Fail

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 43.4758, 49.1516, 78.4300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

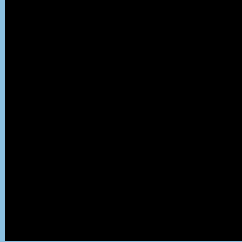
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4758, 49.1516, 78.4300

Background



This preview shows how black text looks on a background with the XYZ color 43.4758, 49.1516, 78.4300.



This preview shows how white text looks on a background with the XYZ color 43.4758, 49.1516,

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

43.4758, 49.1516, 78.4300

Protanopia

48.5171, 48.9792, 73.9146

Deuteranopia

49.8845, 48.9470, 79.4916



Tritanopia

41.4263, 48.9676, 68.8963

Trichromacy



Original Color

43.4758, 49.1516, 78.4300

Protanomaly

46.3385, 48.7604, 75.3760

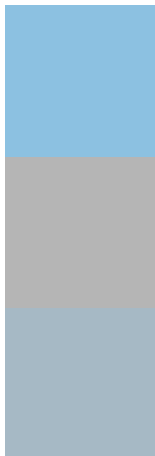
Deuteranomaly

47.2227, 48.8243, 78.8866

Tritanomaly

42.0030, 48.8598, 72.1828

Monochromacy



Original Color

43.4758, 49.1516, 78.4300

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.1529, 46.8361, 59.5892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4758, 49.1516, 78.4300 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, 193, 225)` looks like.

```
.text, #text, p{  
    color:rgb(140, 193, 225)  
}
```

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, 193, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 193, 225) }
```

Border

The CSS property to change the border of an element to XYZ 43.4758, 49.1516, 78.4300 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, 193, 225) }
```


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

```
.border{ border-color:rgb(140, 193, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 193, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 193, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 193, 225);  
box-shadow:4px 4px 4px 4px rgb(140, 193,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4758, 49.1516, 78.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 193, 225) }
```

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

```
.background{ background-color: rgb(140,  
193, 225) }
```

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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