

Converting Colors

XYZ(44.2453, 49.0313, 66.6878)

Have a look what the booklet for
XYZ(44.2453, 49.0313, 66.6878)
contains.

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Color

**XYZ(44.3140, 49.1866,
66.8329)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9FBFD0 |
| RGB | 159, 191, 208 |
| RGB Percent | 62%, 75%, 82% |
| CMY | 0.3765, 0.2510, 0.1843 |
| CMYK | 0.24, 0.08, 0.00, 0.18 |
| HSL | 201°, 34%, 72% |
| HSV | 201°, 24%, 82% |
| XYZ | 44.3140, 49.1866, 66.8329 |
| YIQ | 183.3700, -24.5290, -1.4970 |

Conversions

Conversions Part 2

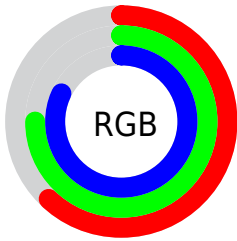
| Format | Color |
|-------------------------------------|--|
| RYB | 159, 178, 208 |
| Decimal | 10469328 |
| CIELab | 75.57, -6.98, -12.10 |
| CIELCh | 76, 13.965, 240.016 |
| Yxy | 49.1866, 0.2764, 0.3068 |
| Android (android.graphics.Color) | 4288659408 (0xFF9FBFD0) |
| YUV | 183.3700, 12.1426, -21.3725 |
| Hunter-Lab | 70.1332, -9.9469, -7.4068 |

Details

The XYZ color **44.3140, 49.1866, 66.8329** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.7962, 46.9638, 39.3476**, and the grayscale version is **45.1590, 47.5108, 51.7393**.

A 20% lighter version of the original color is **79.0423, 88.0377, 107.4347**, and **20.8651, 23.5742, 34.0224** is the 20% darker color. If you saturate the color by 10%, you get **38.9966, 44.1678, 66.1453**, and if you desaturate by 10%, it is **50.4060, 54.7222, 67.5811**.

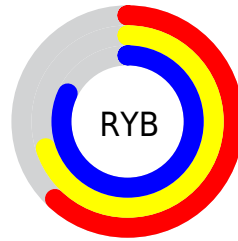
Distribution



Red (62%)

Green (75%)

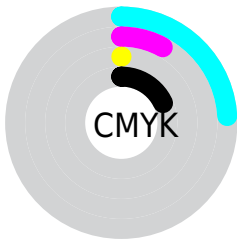
Blue (82%)



Red (62%)

Yellow (70%)

Blue (82%)

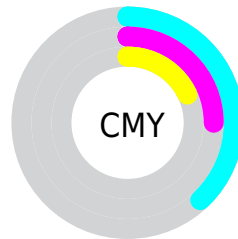


Cyan (24%)

Magenta (8%)

Yellow (0%)

Black (18%)



Cyan (38%)

Magenta (25%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3140, 49.1866, 66.8329 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 44.3140, 49.1866, 66.8329 by changing the saturation by 10% instead.

■ 44.3140, 49.1866,
66.8329

■ 44.3140, 49.1866,
66.8329

354.8187,
383.4765, 467.8350

■ 31.1164, 34.7675,
48.4881

■ 80.9335, 88.9685,
116.3193

■ 20.8398, 23.4839,
33.8508

■ 105.0860,
115.1002, 148.2980

■ 13.1187, 14.9512,
22.5026

133.6210,
145.9048, 185.6584

■ 7.5879, 8.7851,
14.0248

166.9036,
181.7668, 228.8191

■ 3.8820, 4.6013,
7.9990

205.2994,
223.0706, 278.1985

■ 1.6356, 2.0153,
4.0065

249.1736,

■ 0.4154, 0.6163,

270.2005, 334.2153

1.6289

298.8916,
323.5410, 397.2880

■ 0.0000, 0.0000,
0.3113

■ 0.0000, 0.0000,
0.0000

■ 44.3140, 49.1866,
66.8329

■ 44.3140, 49.1866,
66.8329

■ 38.9966, 44.1678,
66.1453

■ 50.4060, 54.7222,
67.5811

■ 34.4135, 39.6399,
65.5128

■ 57.3014, 60.7875,
68.3884

■ 30.5274, 35.5829,
64.9346

■ 65.0331, 67.4022,
69.2577

■ 27.2955, 31.9734,
64.4082

■ 73.6308, 74.5830,
70.1906

■ 24.6702, 28.7848,
63.9311

■ 80.1165, 80.7965,
71.0480

■ 22.5964, 25.9871,
63.5004

■ 82.1325, 84.8286,
71.7200

■ 21.0081, 23.5443,
63.1126

■ 84.2323, 89.0280,
72.4200

■ 20.1680, 22.1195,
62.8819

■ 86.4167, 93.3968,
73.1481

■ 88.3853, 97.3341,
73.8043

Harmonies

Analogous

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



42.5838, 49.1866, 60.9845



44.3140, 49.1866, 66.8329



46.7518, 49.1866, 69.0619

Triad

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



44.3140, 49.1866, 66.8329



51.8904, 49.1866, 53.5519



44.3117, 49.1866, 42.1685

Complementary

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



44.3140, 49.1866, 66.8329



47.7962, 46.9638, 39.3476

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.



46.7490, 49.1866, 40.5640



44.3140, 49.1866, 66.8329



51.1802, 49.1866, 46.7564

Square

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



44.3140, 49.1866, 66.8329



51.1817, 49.1866, 60.9769



49.2745, 49.1866, 42.1651



42.5825, 49.1866, 46.7627

Rectangle

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



44.3140, 49.1866, 66.8329



48.4696, 49.1866, 68.0498



49.2745, 49.1866, 42.1651



45.0723, 49.1866, 41.2815

Sweetspot

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



44.3155, 49.1886, 66.8340



86.8415, 92.8831, 107.9589



44.6255, 55.5919, 49.1085



18.4428, 19.7538, 23.0908



0.0000, 0.0000, 0.0000



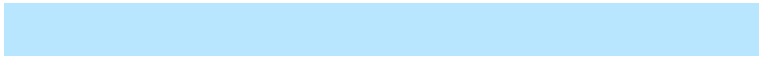
20.3446, 21.4041, 23.3091

Same Dimension

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



44.3155, 49.1886, 66.8340



66.0829, 74.0839, 105.4244



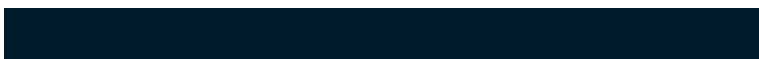
39.5335, 39.6245, 65.2400



11.7988, 12.6879, 15.0708



12.6630, 13.9726, 39.2221



0.7806, 0.9265, 2.2173

Inverse Universe

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



47.8157, 41.9688, 54.8731



72.6131, 61.1012, 83.0004



52.8870, 57.1454, 41.0446



12.1293, 11.9365, 13.9569



19.0224, 9.4818, 15.5561



1.1003, 0.5448, 1.0628

Previews

White Background



This preview shows how the XYZ color 44.3140, 49.1866, 66.8329 looks on a white background.

Color Contrast Check

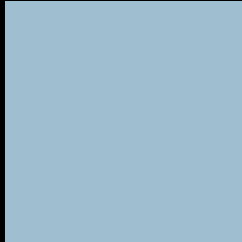
Large Text (above 18pt) WCAG AA × Fail

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 44.3140, 49.1866, 66.8329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

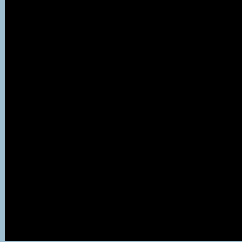
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

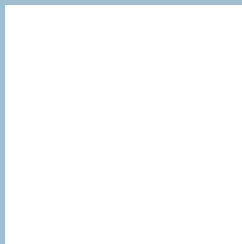
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3140, 49.1866, 66.8329

Background



This preview shows how black text looks on a background with the XYZ color 44.3140, 49.1866, 66.8329.



This preview shows how white text looks on a background with the XYZ color 44.3140, 49.1866,

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

44.3140, 49.1866, 66.8329

Protanopia

47.8067, 48.8310, 64.0324

Deuteranopia

49.8950, 48.9074, 67.7831



Tritanopia

44.1914, 49.1375, 66.1868

Trichromacy



Original Color

44.3140, 49.1866, 66.8329

Protanomaly

46.4690, 49.0624, 64.7784

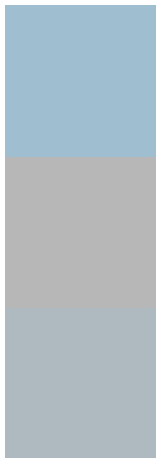
Deuteranomaly

47.6800, 49.0047, 67.2674

Tritanomaly

44.1914, 49.1375, 66.1868

Monochromacy



Original Color

44.3140, 49.1866, 66.8329

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.5289, 47.9223, 56.7722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3140, 49.1866, 66.8329 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(159, 191, 208)` looks like.

```
.text, #text, p{  
    color:rgb(159, 191, 208)  
}
```

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(159, 191, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 191, 208) }
```

Border

The CSS property to change the border of an element to XYZ 44.3140, 49.1866, 66.8329 is called "border". The border property can be set on classes, ids or directly on the HTML element.

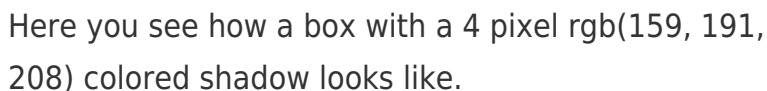
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 191, 208) }
```


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

```
.border{ border-color:rgb(159, 191, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 191, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 191, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 191, 208); box-shadow:4px 4px 4px 4px rgb(159, 191, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3140, 49.1866, 66.8329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 191, 208) }
```

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

```
.background{ background-color: rgb(159,  
191, 208) }
```

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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