

Converting Colors

XYZ(49.0028, 53.4766, 71.4927)

Have a look what the booklet for
XYZ(49.0028, 53.4766, 71.4927)
contains.

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Color

**XYZ(48.8984, 53.4455,
71.3571)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC5D6
RGB	171, 197, 214
RGB Percent	67%, 77%, 84%
CMY	0.3294, 0.2274, 0.1608
CMYK	0.20, 0.08, 0.00, 0.16
HSL	204°, 34%, 75%
HSV	204°, 20%, 84%
XYZ	48.8984, 53.4455, 71.3571
YIQ	191.1640, -20.9530, -0.2250

Conversions

Conversions Part 2

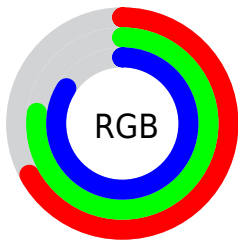
Format	Color
R _Y B	171, 187, 214
Decimal	11257302
CIE Lab	78.14, -5.12, -11.42
CIE LCh	78, 12.513, 245.832
Yxy	53.4455, 0.2815, 0.3077
Android (android.graphics.Color)	4289447382 (0xFFABC5D6)
YUV	191.1640, 11.2581, -17.6838
Hunter-Lab	73.1064, -8.5437, -6.6968

Details

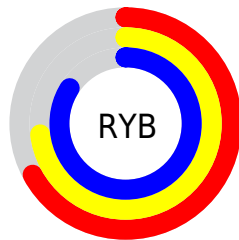
The XYZ color **48.8984, 53.4455, 71.3571** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.0658, 53.2027, 46.0014**, and the grayscale version is **49.5631, 52.1442, 56.7851**.

A 20% lighter version of the original color is **85.1704, 94.4345, 108.3465**, and **23.5517, 25.9997, 36.5780** is the 20% darker color. If you saturate the color by 10%, you get **42.7422, 47.5012, 70.5351**, and if you desaturate by 10%, it is **55.9203, 59.9988, 72.2528**.

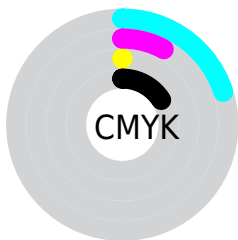
Distribution



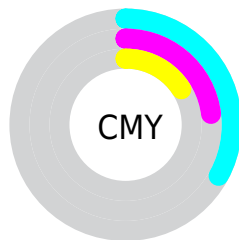
- Red (67%)
- Green (77%)
- Blue (84%)



- Red (67%)
- Yellow (73%)
- Blue (84%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (33%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8984, 53.4455, 71.3571 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 48.8984, 53.4455, 71.3571 by changing the saturation by 10% instead.

■ 48.8984, 53.4455,
71.3571

■ 48.8984, 53.4455,
71.3571

372.8658,
399.9920, 484.2181

■ 34.7531, 38.1585,
52.1500

■ 87.7422, 95.2596,
122.8413

■ 23.6384, 26.1058,
36.7416

113.1713,
122.5555, 155.9554

■ 15.1889, 16.9028,
24.7133

143.0925,
154.6232, 194.5424

■ 9.0392, 10.1652,
15.6465

177.8710,
191.8470, 239.0207

■ 4.8241, 5.5086,
9.1227

217.8723,
234.6115, 289.8089

■ 2.1781, 2.5487,
4.7234

263.4616,

■ 0.7312, 0.9009,

283.3008, 347.3255

2.0300

315.0043,
338.2995, 411.9890

■ 0.0000, 0.0000,
0.5736

■ 0.0000, 0.0000,
0.0000

■ 48.8984, 53.4455,
71.3571

■ 48.8984, 53.4455,
71.3571

■ 42.7422, 47.5012,
70.5351

■ 55.9203, 59.9988,
72.2528

■ 37.4088, 42.1372,
69.7808

■ 63.8386, 67.1755,
73.2207

■ 32.8589, 37.3318,
69.0931

■ 72.6884, 74.9973,
74.2640

■ 29.0476, 33.0592,
68.4693

■ 81.9092, 83.1779,
75.3570

■ 25.9251, 29.2909,
67.9065

■ 84.3322, 88.0240,
76.1647

■ 23.4347, 25.9948,
67.4015

■ 86.8712, 93.1020,
77.0111

■ 21.5097, 23.1335,
66.9507

■ 89.1378, 97.6351,
77.7666

■ 20.0421, 20.6637,
66.5513

Harmonies

Analogous

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



47.0826, 53.4455, 66.4336



48.8984, 53.4455, 71.3571



51.2774, 53.4455, 72.6364

Triad

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



48.8984, 53.4455, 71.3571



55.6187, 53.4455, 56.8361



48.0964, 53.4455, 47.9486

Complementary

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



48.8984, 53.4455, 71.3571



53.0658, 53.2027, 46.0014

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.



50.3223, 53.4455, 45.8037



48.8984, 53.4455, 71.3571



54.7047, 53.4455, 50.6638

Square

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



48.8984, 53.4455, 71.3571



55.2079, 53.4455, 63.8794



52.7469, 53.4455, 46.7566



46.6300, 53.4455, 52.8546

Rectangle

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



48.8984, 53.4455, 71.3571



52.8738, 53.4455, 71.1680



52.7469, 53.4455, 46.7566



48.7779, 53.4455, 46.8995

Sweetspot

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



48.9000, 53.4477, 71.3583



87.7443, 93.4146, 108.0139



49.8636, 60.3606, 56.3091



18.6171, 19.8456, 23.0993



0.0000, 0.0000, 0.0000



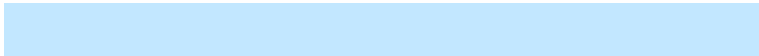
20.3446, 21.4041, 23.3091

Same Dimension

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



48.9000, 53.4477, 71.3583



68.7692, 75.7075, 105.5962



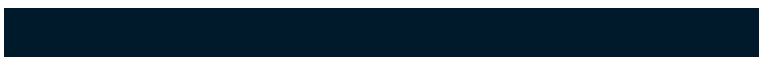
44.4618, 44.5712, 69.8789



12.3611, 13.2456, 15.8427



12.2181, 12.6979, 40.2601



0.8167, 0.9253, 2.4549

Inverse Universe

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



52.3737, 47.4543, 59.2251



74.8841, 65.5133, 84.1581



57.8795, 62.8301, 47.6059



12.7355, 12.5457, 14.5472



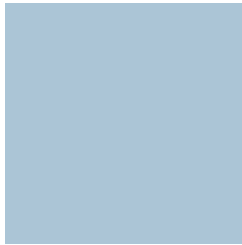
19.2260, 9.6267, 13.7599



1.1999, 0.5967, 1.0418

Previews

White Background



This preview shows how the XYZ color 48.8984, 53.4455, 71.3571 looks on a white background.

Color Contrast Check

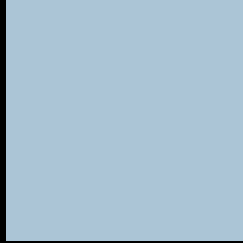
Large Text (above 18pt) WCAG AA × Fail

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 48.8984, 53.4455, 71.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

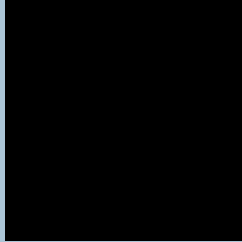
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

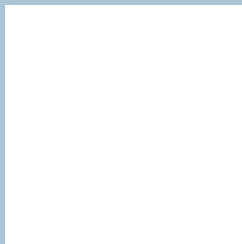
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8984, 53.4455, 71.3571

Background



This preview shows how black text looks on a background with the XYZ color 48.8984, 53.4455, 71.3571.



This preview shows how white text looks on a background with the XYZ color 48.8984, 53.4455,

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

48.8984, 53.4455, 71.3571

Protanopia

52.0934, 53.4788, 69.2048

Deuteranopia

54.4653, 53.3418, 72.3911



Tritanopia

48.7711, 53.3945, 70.6865

Trichromacy



Original Color

48.8984, 53.4455, 71.3571

Protanomaly

50.9426, 53.5274, 69.9342

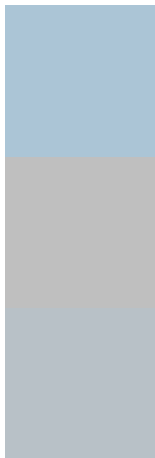
Deuteranomaly

52.1317, 53.1150, 71.7946

Tritanomaly

48.7711, 53.3945, 70.6865

Monochromacy



Original Color

48.8984, 53.4455, 71.3571

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.1459, 52.4538, 61.5672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8984, 53.4455, 71.3571 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(171, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(171, 197, 214)  
}
```

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(171, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 197, 214) }
```

Border

The CSS property to change the border of an element to XYZ 48.8984, 53.4455, 71.3571 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(171, 197, 214) }
```


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

```
.border{ border-color:rgb(171, 197, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(171, 197,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8984, 53.4455, 71.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 197, 214) }
```

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

```
.background{ background-color: rgb(171,  
197, 214) }
```

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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