

Converting Colors

XYZ(50.4677, 55.0139, 72.5555)

Have a look what the booklet for
XYZ(50.4677, 55.0139, 72.5555)
contains.

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Color

**XYZ(50.3684, 54.8671,
72.2257)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC7D7
RGB	175, 199, 215
RGB Percent	69%, 78%, 84%
CMY	0.3137, 0.2196, 0.1569
CMYK	0.19, 0.07, 0.00, 0.16
HSL	204°, 33%, 76%
HSV	204°, 19%, 84%
XYZ	50.3684, 54.8671, 72.2257
YIQ	193.6480, -19.4400, -0.1120

Conversions

Conversions Part 2

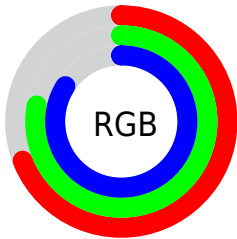
Format	Color
R _Y B	175, 190, 215
Decimal	11519959
CIE Lab	78.96, -4.71, -10.69
CIE LCh	79, 11.685, 246.207
Yxy	54.8671, 0.2838, 0.3092
Android (android.graphics.Color)	4289710039 (0xFFAFC7D7)
YUV	193.6480, 10.5265, -16.3543
Hunter-Lab	74.0723, -8.2485, -5.9613

Details

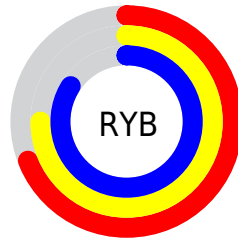
The XYZ color **50.3684, 54.8671, 72.2257** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3936, 54.8040, 48.2701**, and the grayscale version is **51.0196, 53.6766, 58.4538**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **24.4966, 26.9264, 37.1639** is the 20% darker color. If you saturate the color by 10%, you get **43.9992, 48.7304, 71.3778**, and if you desaturate by 10%, it is **57.6210, 61.6280, 73.1493**.

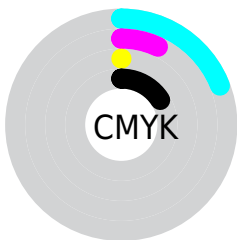
Distribution



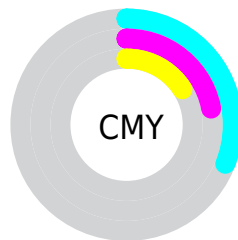
- Red (69%)
- Green (78%)
- Blue (84%)



- Red (69%)
- Yellow (75%)
- Blue (84%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (31%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3684, 54.8671, 72.2257 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 50.3684, 54.8671, 72.2257 by changing the saturation by 10% instead.

■ 50.3684, 54.8671,
72.2257

■ 50.3684, 54.8671,
72.2257

378.5331,
405.4080, 487.3254

■ 35.9252, 39.2953,
52.8551

■ 89.9090, 97.3462,
124.0881

■ 24.5463, 26.9896,
37.3002

115.7372,
125.0223, 157.4169

■ 15.8663, 17.5654,
25.1424

146.0910,
157.5020, 196.2356

■ 9.5198, 10.6384,
15.9632

181.3359,
195.1697, 240.9627

■ 5.1416, 5.8242,
9.3440

221.8372,
238.4097, 292.0166

■ 2.3662, 2.7385,
4.8664

267.9603,

■ 0.8282, 0.9968,

287.6065, 349.8161

2.1117

320.0704,
343.1445, 414.7795

■ 0.0000, 0.0000,
0.6227

■ 0.0000, 0.0000,
0.0000

■ 50.3684, 54.8671,
72.2257

■ 50.3684, 54.8671,
72.2257

■ 43.9992, 48.7304,
71.3778

■ 57.6210, 61.6280,
73.1493

■ 38.4703, 43.1888,
70.5995

■ 65.7878, 69.0274,
74.1471

■ 33.7424, 38.2205,
69.8898

■ 74.9039, 77.0874,
75.2224

■ 29.7706, 33.7997,
69.2458

■ 82.7580, 84.6706,
76.2721

■ 26.5054, 29.8978,
68.6647

■ 85.2575, 89.6695,
77.1053

■ 23.8905, 26.4828,
68.1434

■ 87.8773, 94.9092,
77.9785

■ 21.8601, 23.5177,
67.6781

■ 89.2659, 97.6864,
78.4414

■ 20.3146, 20.9479,
67.2635

■ 20.1179, 20.6104,
67.2088

Harmonies

Analogous

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



48.6282, 54.8671, 67.6196



50.3684, 54.8671, 72.2257



52.6339, 54.8671, 73.3804

Triad

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



50.3684, 54.8671, 72.2257



56.7168, 54.8671, 58.3686



49.5555, 54.8671, 50.0031

Complementary

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



50.3684, 54.8671, 72.2257



54.3936, 54.8040, 48.2701

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.



51.6681, 54.8671, 47.9059



50.3684, 54.8671, 72.2257



55.8369, 54.8671, 52.4993

Square

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



50.3684, 54.8671, 72.2257



56.3438, 54.8671, 65.0512



53.9722, 54.8671, 48.7848



48.1687, 54.8671, 54.7279

Rectangle

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



50.3684, 54.8671, 72.2257



54.1469, 54.8671, 71.9675



53.9722, 54.8671, 48.7848



50.2019, 54.8671, 48.9841

Sweetspot

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



50.3700, 54.8694, 72.2269



87.7223, 93.3706, 108.0066



51.3115, 61.4482, 58.0639



18.6119, 19.8352, 23.0976



0.0000, 0.0000, 0.0000



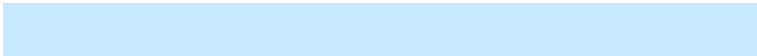
20.3446, 21.4041, 23.3091

Same Dimension

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



50.3700, 54.8694, 72.2269



70.5921, 77.3793, 105.8228



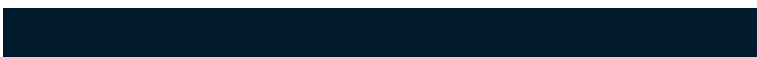
46.2002, 46.5296, 70.8370



12.3561, 13.2357, 15.8410



12.1390, 12.5398, 40.2338



0.8122, 0.9163, 2.4534

Inverse Universe

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



53.6645, 49.2319, 60.7096



76.2861, 67.9191, 85.8531



58.8922, 63.8012, 49.7696



12.7330, 12.5447, 14.5340



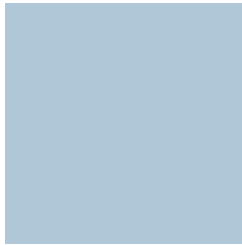
19.1861, 9.6107, 13.5498



1.1976, 0.5958, 1.0299

Previews

White Background



This preview shows how the XYZ color 50.3684, 54.8671, 72.2257 looks on a white background.

Color Contrast Check

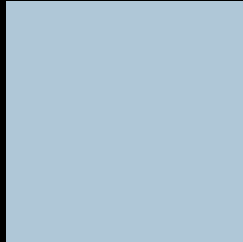
Large Text (above 18pt) WCAG AA × Fail

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 50.3684, 54.8671, 72.2257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

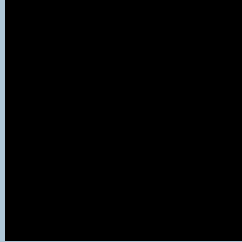
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

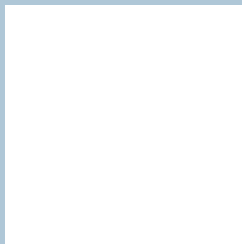
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3684, 54.8671, 72.2257

Background



This preview shows how black text looks on a background with the XYZ color 50.3684, 54.8671, 72.2257.



This preview shows how white text looks on a background with the XYZ color 50.3684, 54.8671,

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

50.3684, 54.8671, 72.2257

Protanopia

53.4236, 54.8064, 70.0503

Deuteranopia

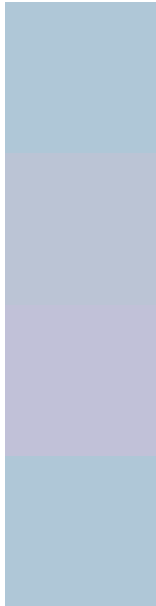
55.8397, 54.6740, 73.2557



Tritanopia

50.3684, 54.8671, 72.2257

Trichromacy



Original Color

50.3684, 54.8671, 72.2257

Protanomaly

52.2437, 54.8487, 70.7841

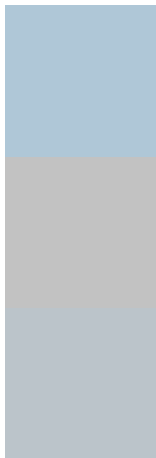
Deuteranomaly

53.4570, 54.4353, 72.6553

Tritanomaly

50.3684, 54.8671, 72.2257

Monochromacy



Original Color

50.3684, 54.8671, 72.2257

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.8941, 54.3089, 63.6774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3684, 54.8671, 72.2257 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(175, 199, 215)` looks like.

```
.text, #text, p{  
    color:rgb(175, 199, 215)  
}
```

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(175, 199, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 199, 215) }
```

Border

The CSS property to change the border of an element to XYZ 50.3684, 54.8671, 72.2257 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(175, 199, 215) }
```


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

```
.border{ border-color:rgb(175, 199, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 199, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 199, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 199, 215);  
box-shadow:4px 4px 4px 4px rgb(175, 199,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3684, 54.8671, 72.2257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 199, 215) }
```

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

```
.background{ background-color: rgb(175,  
199, 215) }
```

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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