

Converting Colors

XYZ(50.6324, 55.0796, 75.1879)

Have a look what the booklet for
XYZ(50.6324, 55.0796, 75.1879)
contains.

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Color

**XYZ(50.4432, 54.8456,
74.9454)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC7DB
RGB	173, 199, 219
RGB Percent	68%, 78%, 86%
CMY	0.3216, 0.2196, 0.1412
CMYK	0.21, 0.09, 0.00, 0.14
HSL	206°, 39%, 77%
HSV	206°, 21%, 86%
XYZ	50.4432, 54.8456, 74.9454
YIQ	193.5060, -21.9160, 0.7080

Conversions

Conversions Part 2

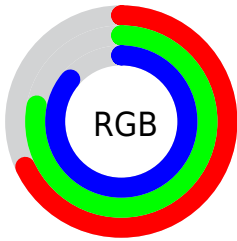
Format	Color
RYB	173, 190, 219
Decimal	11388891
CIELab	78.95, -4.46, -12.88
CIELCh	79, 13.627, 250.893
Yxy	54.8456, 0.2799, 0.3043
Android (android.graphics.Color)	4289578971 (0xFFADC7DB)
YUV	193.5060, 12.5685, -17.9838
Hunter-Lab	74.0578, -8.0190, -8.1601

Details

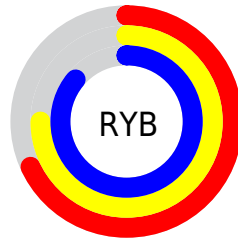
The XYZ color **50.4432, 54.8456, 74.9454** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8267, 56.2172, 47.4450**, and the grayscale version is **50.9253, 53.5773, 58.3457**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **24.5720, 26.9242, 39.0238** is the 20% darker color. If you saturate the color by 10%, you get **43.8696, 48.3072, 74.0307**, and if you desaturate by 10%, it is **57.9509, 62.0718, 75.9454**.

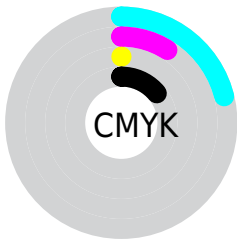
Distribution



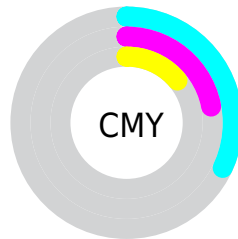
- Red (68%)
- Green (78%)
- Blue (86%)



- Red (68%)
- Yellow (75%)
- Blue (86%)



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)
- Black (14%)



- Cyan (32%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4432, 54.8456, 74.9454 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 50.4432, 54.8456, 74.9454 by changing the saturation by 10% instead.

■ 50.4432, 54.8456,
74.9454

■ 50.4432, 54.8456,
74.9454

378.8200,
405.3264, 496.9803

■ 35.9849, 39.2781,
55.0667

■ 90.0191, 97.3147,
127.9815

■ 24.5926, 26.9762,
39.0562

115.8674,
124.9851, 161.9759

■ 15.9009, 17.5553,
26.4953

146.2431,
157.4586, 201.5127

■ 9.5445, 10.6312,
16.9654

181.5116,
195.1196, 247.0103

■ 5.1579, 5.8194,
10.0481

222.0382,
238.3525, 298.8873

■ 2.3759, 2.7356,
5.3249

268.1882,

■ 0.8331, 0.9953,

287.5416, 357.5623

2.3771

320.3270,
343.0715, 423.4538

■ 0.0000, 0.0000,
0.7739

■ 0.0000, 0.0000,
0.0000

■ 50.4432, 54.8456,
74.9454

■ 50.4432, 54.8456,
74.9454

■ 43.8696, 48.3072,
74.0307

■ 57.9509, 62.0718,
75.9454

■ 38.1841, 42.4251,
73.1950

■ 66.4262, 70.0024,
77.0295

■ 33.3439, 37.1747,
72.4367

■ 75.9068, 78.6619,
78.2012

■ 29.3005, 32.5271,
71.7527

■ 84.3356, 86.9931,
79.3651

■ 25.9997, 28.4505,
71.1398

■ 87.1671, 92.6561,
80.3089

■ 23.3802, 24.9089,
70.5943

■ 89.7863, 97.8945,
81.1820

■ 21.3690, 21.8605,
70.1119

■ 19.9683, 19.4785,
69.7260

Harmonies

Analogous

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



48.2913, 54.8456, 70.0213



50.4432, 54.8456, 74.9454



53.1193, 54.8456, 75.5905

Triad

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



50.4432, 54.8456, 74.9454



57.4112, 54.8456, 56.9437



48.7942, 54.8456, 49.1393

Complementary

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



50.4432, 54.8456, 74.9454



55.8267, 56.2172, 47.4450

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.



51.1513, 54.8456, 46.2384



50.4432, 54.8456, 74.9454



56.1651, 54.8456, 50.4777

Square

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



50.4432, 54.8456, 74.9454



57.2055, 54.8456, 64.7330



53.8521, 54.8456, 46.7062



47.3622, 54.8456, 54.9680

Rectangle

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



50.4432, 54.8456, 74.9454



54.8484, 54.8456, 73.4499



53.8521, 54.8456, 46.7062



49.5012, 54.8456, 47.8133

Sweetspot

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



50.4449, 54.8478, 74.9466



87.5581, 93.0422, 107.9519



52.1844, 63.3956, 59.9004



18.5731, 19.7576, 23.0846



0.0000, 0.0000, 0.0000



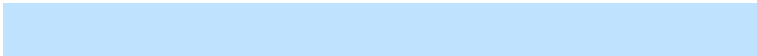
20.3446, 21.4041, 23.3091

Same Dimension

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



50.4449, 54.8478, 74.9466



67.1462, 73.4236, 105.2409



45.5593, 45.0768, 73.3181



12.9464, 13.8325, 16.6397



11.9510, 11.7714, 41.3806



0.8594, 0.9329, 2.7092

Inverse Universe

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



54.4671, 49.0720, 60.6365



73.8300, 64.1926, 81.3793



61.2960, 67.1557, 49.2681



13.3628, 13.1742, 15.1717



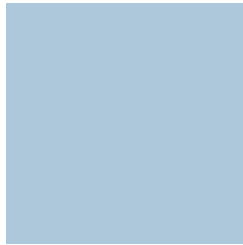
19.5276, 9.8121, 12.4244



1.3081, 0.6529, 1.0312

Previews

White Background



This preview shows how the XYZ color 50.4432, 54.8456, 74.9454 looks on a white background.

Color Contrast Check

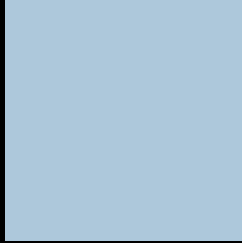
Large Text (above 18pt) WCAG AA × Fail

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 50.4432, 54.8456, 74.9454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

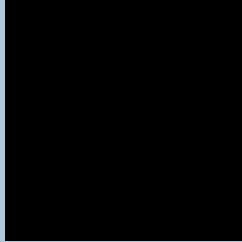
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

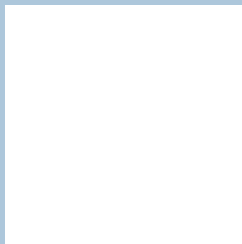
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.4432, 54.8456, 74.9454

Background



This preview shows how black text looks on a background with the XYZ color 50.4432, 54.8456, 74.9454.



This preview shows how white text looks on a background with the XYZ color 50.4432, 54.8456,

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

50.4432, 54.8456, 74.9454

Protanopia

53.6788, 54.8789, 72.7293

Deuteranopia

55.8217, 54.6039, 76.0041



Tritanopia

49.9333, 54.9855, 72.2715

Trichromacy



Original Color

50.4432, 54.8456, 74.9454

Protanomaly

52.5140, 54.9287, 73.4802

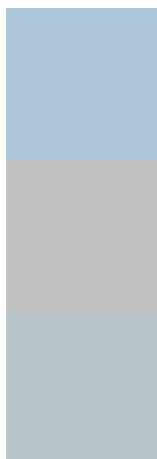
Deuteranomaly

53.4741, 54.3836, 75.3888

Tritanomaly

50.0622, 55.0371, 72.9504

Monochromacy



Original Color

50.4432, 54.8456, 74.9454

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7691, 54.2308, 64.2917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4432, 54.8456, 74.9454 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(173, 199, 219)` looks like.

```
.text, #text, p{  
    color:rgb(173, 199, 219)  
}
```

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(173, 199, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 199, 219) }
```

Border

The CSS property to change the border of an element to XYZ 50.4432, 54.8456, 74.9454 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(173, 199, 219) }
```


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

```
.border{ border-color:rgb(173, 199, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 199, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 199, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 199, 219);  
box-shadow:4px 4px 4px 4px rgb(173, 199,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4432, 54.8456, 74.9454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 199, 219) }
```

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

```
.background{ background-color: rgb(173,  
199, 219) }
```

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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