

Converting Colors

XYZ(54.1731, 54.2891, 74.5747)

Have a look what the booklet for
XYZ(54.1731, 54.2891, 74.5747)
contains.

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Color

**XYZ(54.4008, 54.5495,
74.6797)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C0DB
RGB	196, 192, 219
RGB Percent	77%, 75%, 86%
CMY	0.2314, 0.2470, 0.1412
CMYK	0.11, 0.12, 0.00, 0.14
HSL	249°, 27%, 81%
HSV	249°, 12%, 86%
XYZ	54.4008, 54.5495, 74.6797
YIQ	196.2740, -6.2830, 9.2450

Conversions

Conversions Part 2

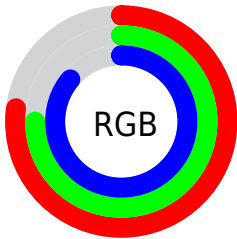
Format	Color
R _Y B	196, 192, 219
Decimal	12894427
CIE Lab	78.78, 6.60, -12.96
CIE LCh	79, 14.545, 296.979
Yxy	54.5495, 0.2963, 0.2971
Android (android.graphics.Color)	4291084507 (0xFFC4C0DB)
YUV	196.2740, 11.2039, -0.2403
Hunter-Lab	73.8576, 2.2256, -8.2496

Details

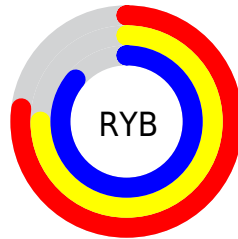
The XYZ color **54.4008, 54.5495, 74.6797** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.8721, 68.9173, 59.8604**, and the grayscale version is **52.5727, 55.3106, 60.2332**.

A 20% lighter version of the original color is **92.1254, 95.2374, 108.1349**, and **27.0888, 26.8964, 38.8857** is the 20% darker color. If you saturate the color by 10%, you get **45.3908, 43.2908, 72.9823**, and if you desaturate by 10%, it is **64.7331, 67.5549, 76.6463**.

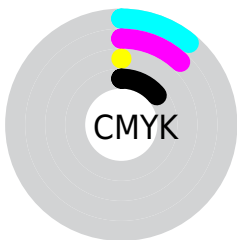
Distribution



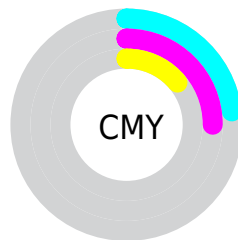
- Red (77%)
- Green (75%)
- Blue (86%)



- Red (77%)
- Yellow (75%)
- Blue (86%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4008, 54.5495, 74.6797 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 54.4008, 54.5495, 74.6797 by changing the saturation by 10% instead.

■ 54.4008, 54.5495,
74.6797

■ 54.4008, 54.5495,
74.6797

393.8100,
404.2020, 496.0419

■ 39.1541, 39.0412,
54.8504

■ 95.8159, 96.8806,
127.6018

■ 27.0609, 26.7917,
38.8842

122.7151,
124.4721, 161.5316

■ 17.7558, 17.4169,
26.3625

154.2291,
156.8602, 200.9987

■ 10.8734, 10.5322,
16.8668

190.7234,
194.4291, 246.4216

■ 6.0485, 5.7532,
9.9786

232.5633,
237.5634, 298.2188

■ 2.9155, 2.6956,
5.2794

280.1141,

■ 1.1092, 0.9750,

286.6474, 356.8090

2.3505

333.7412,
342.0654, 422.6105

■ 0.0328, 0.0000,
0.7593

■ 0.0000, 0.0000,
0.0000

■ 54.4008, 54.5495,
74.6797

■ 54.4008, 54.5495,
74.6797

■ 45.3908, 43.2908,
72.9823

■ 64.7331, 67.5549,
76.6463

■ 37.6445, 33.6975,
71.5389

■ 76.4333, 82.3700,
78.8892

■ 31.1065, 25.6922,
70.3383

■ 88.6817, 97.3251,
81.1303

■ 25.7150, 19.1887,
69.3671

■ 89.7863, 97.8945,
81.1820

■ 21.4028, 14.0922,
68.6107

■ 18.0954, 10.2974,
68.0525

■ 15.7088, 7.6838,
67.6738

■ 14.1443, 6.1077,
67.4521

■ 13.3954, 5.4285,
67.3605

Harmonies

Analogous

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



51.5564, 54.5495, 76.6824



54.4008, 54.5495, 74.6797



56.6310, 54.5495, 68.4638

Triad

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



54.4008, 54.5495, 74.6797



54.9244, 54.5495, 47.0648



46.5118, 54.5495, 58.5633

Complementary

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



54.4008, 54.5495, 74.6797



62.8721, 68.9173, 59.8604

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.



47.3416, 54.5495, 51.1649



54.4008, 54.5495, 74.6797



52.1400, 54.5495, 44.9233

Square

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



54.4008, 54.5495, 74.6797



56.9410, 54.5495, 52.4866



49.3757, 54.5495, 46.3528



47.0675, 54.5495, 66.8847

Rectangle

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



54.4008, 54.5495, 74.6797



57.4324, 54.5495, 63.0405



49.3757, 54.5495, 46.3528



46.6372, 54.5495, 55.8931

Sweetspot

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



54.4024, 54.5518, 74.6809



88.7569, 92.0529, 107.6977



58.9285, 65.1273, 76.4836



18.7518, 19.3931, 23.0049



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.



54.4024, 54.5518, 74.6809



73.0496, 72.3120, 104.7152



57.9604, 56.3860, 74.8474



12.5172, 12.7092, 16.4455



7.9994, 3.2480, 39.9437



0.5763, 0.2403, 2.5905

Inverse Universe

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



60.3306, 57.6680, 72.2436



83.1398, 77.6175, 100.4973



59.1777, 67.0127, 59.6875



13.5272, 13.2400, 16.0373



22.6456, 11.0593, 28.8433



1.4901, 0.7257, 1.9900

Previews

White Background



This preview shows how the XYZ color 54.4008, 54.5495, 74.6797 looks on a white background.

Color Contrast Check

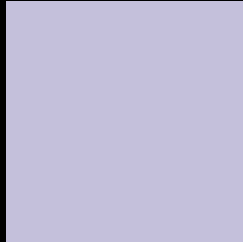
Large Text (above 18pt) WCAG AA × Fail

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 54.4008, 54.5495, 74.6797 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 54.4008, 54.5495, 74.6797

Background



This preview shows how black text looks on a background with the XYZ color 54.4008, 54.5495, 74.6797.



This preview shows how white text looks on a background with the XYZ color 54.4008, 54.5495,

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

54.4008, 54.5495, 74.6797

Protanopia

53.4741, 54.3836, 75.3888

Deuteranopia

55.5568, 54.4979, 74.6088



Tritanopia

53.0485, 54.6564, 68.0754

Trichromacy



Original Color

54.4008, 54.5495, 74.6797

Protanomaly

53.9806, 54.6447, 75.4125

Deuteranomaly

55.2364, 54.6554, 74.6561

Tritanomaly

53.5859, 54.5461, 70.6550

Monochromacy



Original Color

54.4008, 54.5495, 74.6797

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.1791, 55.1256, 64.9642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4008, 54.5495, 74.6797 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(196, 192, 219)` looks like.

```
.text, #text, p{  
    color:rgb(196, 192, 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(196, 192, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 192, 219) }
```

Border

The CSS property to change the border of an element to XYZ 54.4008, 54.5495, 74.6797 is called "border". The border property can be set on classes, ids or directly on the HTML element.

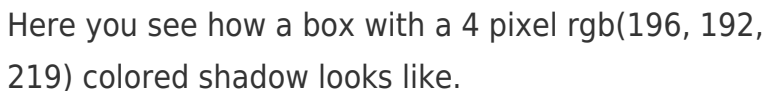
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 192, 219) }
```


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

```
.border{ border-color:rgb(196, 192, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 192, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 192, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 192, 219);  
box-shadow:4px 4px 4px 4px rgb(196, 192,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4008, 54.5495, 74.6797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 192, 219) }
```

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

```
.background{ background-color: rgb(196,  
192, 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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