

Converting Colors

XYZ(53.4978, 59.6402, 49.5424)

Have a look what the booklet for
XYZ(53.4978, 59.6402, 49.5424)
contains.

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Color

**XYZ(53.7025, 59.9024,
49.8062)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CFB0
RGB	199, 207, 176
RGB Percent	78%, 81%, 69%
CMY	0.2196, 0.1882, 0.3098
CMYK	0.04, 0.00, 0.15, 0.19
HSL	75°, 24%, 75%
HSV	75°, 15%, 81%
XYZ	53.7025, 59.9024, 49.8062
YIQ	201.0740, 5.1830, -11.3370

Conversions

Conversions Part 2

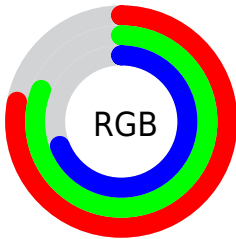
Format	Color
R _Y B	176, 207, 184
Decimal	13094832
CIE Lab	81.79, -8.13, 14.49
CIE LCh	82, 16.621, 119.299
Yxy	59.9024, 0.3286, 0.3666
Android (android.graphics.Color)	4291284912 (0xFFC7CFB0)
YUV	201.0740, -12.3615, -1.8189
Hunter-Lab	77.3966, -11.5900, 16.0234

Details

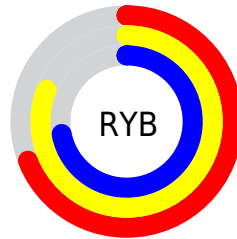
The XYZ color **53.7025, 59.9024, 49.8062** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.5574, 45.7477, 65.4111**, and the grayscale version is **55.6366, 58.5340, 63.7436**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **26.6434, 30.2323, 23.1700** is the 20% darker color. If you saturate the color by 10%, you get **50.4158, 58.4288, 39.7638**, and if you desaturate by 10%, it is **57.3546, 61.5319, 61.4985**.

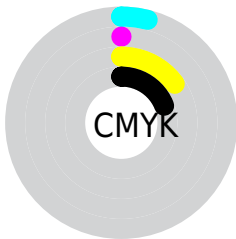
Distribution



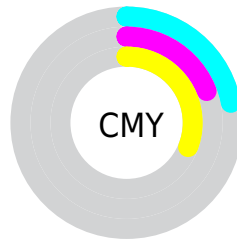
- Red (78%)
- Green (81%)
- Blue (69%)



- Red (69%)
- Yellow (81%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)





- Cyan (22%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7025, 59.9024, 49.8062 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 53.7025, 59.9024, 49.8062 by changing the saturation by 10% instead.


 53.7025, 59.9024,
49.8062

 53.7025, 59.9024,
49.8062


391.1914,
424.2379, 402.6209

 38.5936, 43.3400,
34.8893


 94.7967, 104.6881,
91.2810

 26.6230, 30.1520,
23.2948


121.5128,
133.6801, 118.6760

 17.4254, 19.9540,
14.6040


152.8286,
167.5841, 151.0675

 10.6354, 12.3616,
8.3984

189.1095,
206.7845, 188.8740

 5.8877, 6.9904,
4.2595

230.7209,
251.6657, 232.5141

 2.8169, 3.4561,
1.7688

278.0281,

 1.0577, 1.3742,

302.6121, 282.4062

0.4072

331.3965,
360.0080, 338.9690

0.0000, 0.1976,
0.0000

0.0000, 0.0000,
0.0000

53.7025, 59.9024,
49.8062

53.7025, 59.9024,
49.8062

50.4158, 58.4288,
39.7638

57.3546, 61.5319,
61.4985

47.4752, 57.0972,
31.2932

61.3810, 63.3150,
74.9065

44.8664, 55.9041,
24.3157

65.7962, 65.2595,
90.0970

42.5725, 54.8425,
18.7442

69.9939, 67.1229,
103.8747

■ 40.5746, 53.9048,
14.4828

■ 71.6412, 67.9721,
103.9518

■ 38.8519, 53.0826,
11.4233

■ 73.3407, 68.8482,
104.0313

■ 37.3798, 52.3661,
9.4407

■ 75.0929, 69.7515,
104.1133

■ 36.1289, 51.7434,
8.3819

■ 76.8983, 70.6822,
104.1978

■ 35.5571, 51.4552,
8.0578

■ 78.7572, 71.6405,
104.2848

Harmonies

Analogous

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



57.0178, 59.9024, 47.7741



53.7025, 59.9024, 49.8062



51.3382, 59.9024, 55.8625

Triad

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



53.7025, 59.9024, 49.8062



53.5654, 59.9024, 83.2554



63.9394, 59.9024, 65.4597

Complementary

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



53.7025, 59.9024, 49.8062



46.5574, 45.7477, 65.4111

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.



62.9255, 59.9024, 75.5760



53.7025, 59.9024, 49.8062



56.8531, 59.9024, 86.4757

Square

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



53.7025, 59.9024, 49.8062



51.2613, 59.9024, 75.1261



60.2956, 59.9024, 83.5333



63.0135, 59.9024, 56.2317

Rectangle

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



53.7025, 59.9024, 49.8062



50.5703, 59.9024, 61.7070



60.2956, 59.9024, 83.5333



63.8135, 59.9024, 68.8712

Sweetspot

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



53.7041, 59.9050, 49.8075



92.4887, 98.8643, 100.4343



50.6593, 50.5791, 48.1679



19.6957, 21.1163, 21.1672



0.0000, 0.0000, 0.0000



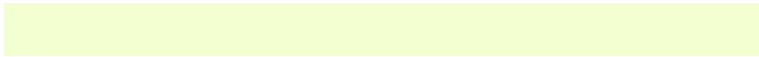
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7041, 59.9050, 49.8075



84.2948, 95.2097, 74.3210



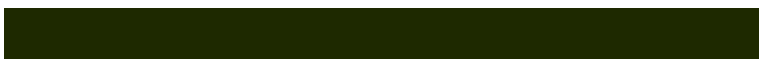
49.8586, 57.9226, 49.6275



12.4931, 13.6376, 12.5859



22.4935, 32.4648, 5.0808



1.3293, 1.8521, 0.2874

Inverse Universe

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



46.5574, 45.7477, 65.4111



70.6787, 68.2344, 104.0531



50.4095, 47.7335, 65.5914



11.4458, 11.5631, 14.8723



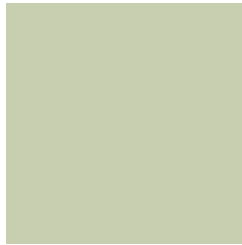
8.1112, 3.3617, 37.4139



0.5287, 0.2267, 2.0955

Previews

White Background



This preview shows how the XYZ color 53.7025, 59.9024, 49.8062 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 53.7025, 59.9024, 49.8062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

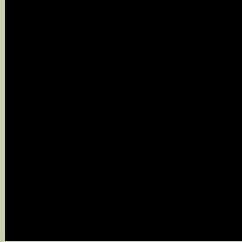
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7025, 59.9024, 49.8062

Background



This preview shows how black text looks on a background with the XYZ color 53.7025, 59.9024, 49.8062.



This preview shows how white text looks on a background with the XYZ color 53.7025, 59.9024,

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

53.7025, 59.9024, 49.8062

Protanopia

56.4365, 59.9140, 48.6344

Deuteranopia

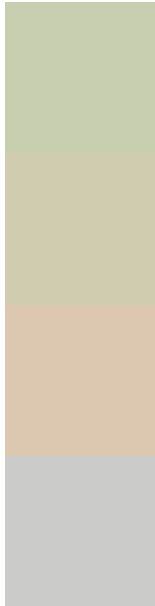
61.0545, 59.8500, 50.4538



Tritanopia

58.5879, 59.7622, 74.0930

Trichromacy



Original Color

53.7025, 59.9024, 49.8062

Protanomaly

55.3432, 59.6908, 49.1620

Deuteranomaly

58.1053, 59.6985, 50.0555

Tritanomaly

56.6452, 59.6726, 64.4096

Monochromacy



Original Color

53.7025, 59.9024, 49.8062

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.6898, 58.7970, 58.3357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7025, 59.9024, 49.8062 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(199, 207, 176)` looks like.

```
.text, #text, p{  
    color:rgb(199, 207, 176)  
}
```

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(199, 207, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 207, 176) }
```

Border

The CSS property to change the border of an element to XYZ 53.7025, 59.9024, 49.8062 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(199, 207, 176) }
```


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

```
.border{ border-color:rgb(199, 207, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 207, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 207, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 207, 176);  
box-shadow:4px 4px 4px 4px rgb(199, 207,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7025, 59.9024, 49.8062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 207, 176) }
```

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

```
.background{ background-color: rgb(199,  
207, 176) }
```

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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