

Converting Colors

XYZ(55.4695, 51.1043, 69.6481)

Have a look what the booklet for
XYZ(55.4695, 51.1043, 69.6481)
contains.

XYZ(55.5709, 51.1904, 69.9026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.5709, 51.1904,
69.9026)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B3D5
RGB	213, 179, 213
RGB Percent	84%, 70%, 84%
CMY	0.1647, 0.2980, 0.1647
CMYK	0.00, 0.16, 0.00, 0.16
HSL	300°, 29%, 77%
HSV	300°, 16%, 84%
XYZ	55.5709, 51.1904, 69.9026
YIQ	193.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

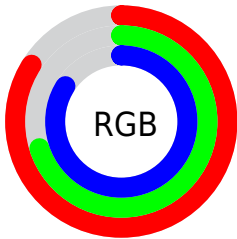
Format	Color
R _Y B	213, 179, 213
Decimal	14005205
CIE Lab	76.79, 18.12, -12.54
CIE LCh	77, 22.037, 325.304
Yxy	51.1904, 0.3146, 0.2898
Android (android.graphics.Color)	4292195285 (0xFFD5B3D5)
YUV	193.0420, 9.8393, 17.5032
Hunter-Lab	71.5475, 13.4328, -7.8437

Details

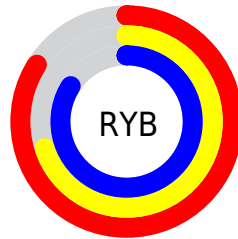
The XYZ color **55.5709, 51.1904, 69.9026** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.5233, 60.4284, 51.6515**, and the grayscale version is **50.6547, 53.2926, 58.0357**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **27.7330, 24.6594, 35.6458** is the 20% darker color. If you saturate the color by 10%, you get **51.6279, 43.3036, 68.5887**, and if you desaturate by 10%, it is **60.1764, 60.4005, 71.4385**.

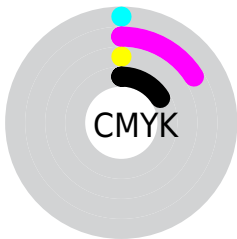
Distribution



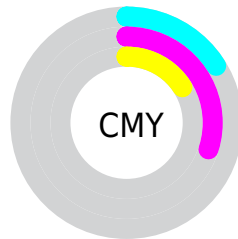
- Red (84%)
- Green (70%)
- Blue (84%)



- Red (84%)
- Yellow (70%)
- Blue (84%)



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



- Cyan (16%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5709, 51.1904, 69.9026 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 55.5709, 51.1904, 69.9026 by changing the saturation by 10% instead.

■ 55.5709, 51.1904,
69.9026

■ 55.5709, 51.1904,
69.9026

398.1737,
391.3031, 478.9878

■ 40.0946, 36.3602,
50.9708

■ 97.5204, 91.9362,
120.7497

■ 27.7969, 24.7125,
35.8088

124.7243,
118.6205, 153.5020

■ 18.3123, 15.8630,
23.9981

156.5681,
150.0249, 191.6983

■ 11.2755, 9.4272,
15.1200

193.4172,
186.5339, 235.7571

■ 6.3211, 5.0209,
8.7561

235.6370,
228.5318, 286.0969

■ 3.0838, 2.2595,
4.4878

283.5928,

■ 1.1982, 0.7522,

276.4030, 343.1363

1.8966

337.6499,
330.5320, 407.2937

■ 0.1050, 0.0000,
0.4906

■ 0.0000, 0.0000,
0.0000

■ 55.5709, 51.1904,
69.9026

■ 55.5709, 51.1904,
69.9026

■ 51.6279, 43.3036,
68.5887

■ 60.1764, 60.4005,
71.4385

■ 48.3126, 36.6730,
67.4835

■ 65.4679, 70.9835,
73.2025

■ 45.5939, 31.2358,
66.5771

■ 71.4737, 82.9950,
75.2045

■ 43.4366, 26.9211,
65.8579

■ 75.2115, 90.4705,
76.4506

41.8013, 23.6506,
65.3127

75.2115, 90.4706,
76.4507

40.6440, 21.3360,
64.9268

75.2115, 90.4706,
76.4509

39.9130, 19.8741,
64.6830

75.2116, 90.4706,
76.4510

39.5445, 19.1372,
64.5600

75.2116, 90.4706,
76.4511

39.4511, 18.9504,
64.5288

75.2116, 90.4706,
76.4513

Harmonies

Analogous

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



52.1738, 51.1904, 79.2599



55.5709, 51.1904, 69.9026



57.1180, 51.1904, 57.6447

Triad

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



55.5709, 51.1904, 69.9026



49.3164, 51.1904, 35.7903



41.7407, 51.1904, 66.1726

Complementary

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



55.5709, 51.1904, 69.9026



50.5233, 60.4284, 51.6515

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.



41.0720, 51.1904, 53.8731



55.5709, 51.1904, 69.9026



45.2980, 51.1904, 37.4010

Square

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



55.5709, 51.1904, 69.9026



53.3777, 51.1904, 38.8650



42.3380, 51.1904, 43.6285



44.2193, 51.1904, 76.8991

Rectangle

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



55.5709, 51.1904, 69.9026



56.8312, 51.1904, 49.8772



42.3380, 51.1904, 43.6285



41.3031, 51.1904, 62.0401

Sweetspot

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



55.5724, 51.1926, 69.9037



91.1166, 92.1332, 107.5888



46.7230, 46.6306, 69.4898



19.3889, 19.4928, 22.9905



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.



55.5724, 51.1926, 69.9037



81.4939, 72.8879, 104.3809



53.5262, 50.3741, 59.1285



12.9531, 12.6327, 15.6931



24.0982, 11.5756, 39.4165



1.4535, 0.6982, 2.3774

Inverse Universe

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



55.5724, 51.1926, 69.9037



81.4939, 72.8879, 104.3809



52.3503, 61.1592, 61.2722



12.9531, 12.6327, 15.6931



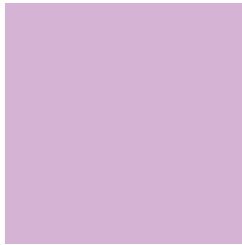
24.0982, 11.5756, 39.4165



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 55.5709, 51.1904, 69.9026 looks on a white background.

Color Contrast Check

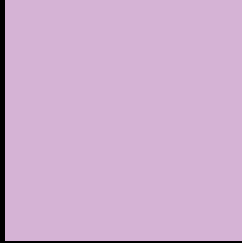
Large Text (above 18pt) WCAG AA × Fail

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 55.5709, 51.1904, 69.9026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

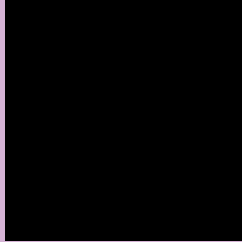
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5709, 51.1904, 69.9026

Background



This preview shows how black text looks on a background with the XYZ color 55.5709, 51.1904, 69.9026.



This preview shows how white text looks on a background with the XYZ color 55.5709, 51.1904,

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

55.5709, 51.1904, 69.9026

Protanopia

50.5366, 51.2713, 74.2506

Deuteranopia

52.5213, 51.4572, 69.4514



Tritanopia

53.5557, 51.2903, 59.3019

Trichromacy



Original Color

55.5709, 51.1904, 69.9026

Protanomaly

52.3790, 51.3098, 72.7887

Deuteranomaly

53.4458, 51.3169, 69.3756

Tritanomaly

54.3359, 51.3091, 62.9169

Monochromacy



Original Color

55.5709, 51.1904, 69.9026

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.2280, 52.4159, 62.0082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5709, 51.1904, 69.9026 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(213, 179, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 179, 213)  
}
```

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(213, 179, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 179, 213) }
```

Border

The CSS property to change the border of an element to XYZ 55.5709, 51.1904, 69.9026 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(213, 179, 213) }
```


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

```
.border{ border-color:rgb(213, 179, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 179, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 179, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 179, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 179,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5709, 51.1904, 69.9026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 179, 213) }
```

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

```
.background{ background-color: rgb(213,  
179, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor