

Converting Colors

XYZ(55.4844, 51.5950, 68.1564)

Have a look what the booklet for
XYZ(55.4844, 51.5950, 68.1564)
contains.

XYZ(55.3947, 51.4418, 67.9824)	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(55.3947, 51.4418,
67.9824)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B4D2
RGB	213, 180, 210
RGB Percent	84%, 71%, 82%
CMY	0.1647, 0.2941, 0.1765
CMYK	0.00, 0.15, 0.01, 0.16
HSL	305°, 28%, 77%
HSV	305°, 15%, 84%
XYZ	55.3947, 51.4418, 67.9824
YIQ	193.2870, 10.0380, 16.3260

Conversions

Conversions Part 2

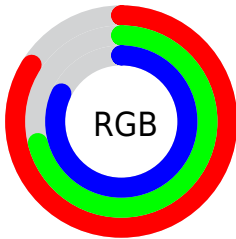
Format	Color
R _Y B	213, 180, 210
Decimal	14005458
CIE Lab	76.95, 17.02, -10.69
CIE LCh	77, 20.099, 327.876
Yxy	51.4418, 0.3169, 0.2943
Android (android.graphics.Color)	4292195538 (0xFFD5B4D2)
YUV	193.2870, 8.2395, 17.2883
Hunter-Lab	71.7229, 12.3481, -5.9918

Details

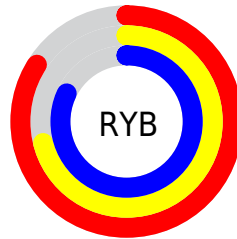
The XYZ color **55.3947, 51.4418, 67.9824** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.1659, 60.7122, 53.8245**, and the grayscale version is **50.8075, 53.4535, 58.2109**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **27.6907, 24.8481, 34.7892** is the 20% darker color. If you saturate the color by 10%, you get **51.1815, 43.3984, 65.3952**, and if you desaturate by 10%, it is **60.2746, 60.8123, 70.8074**.

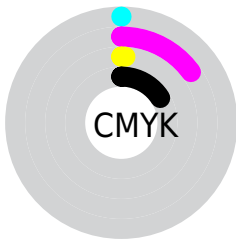
Distribution



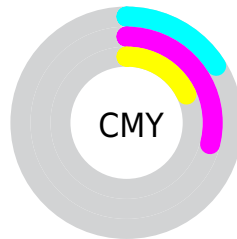
- Red (84%)
- Green (71%)
- Blue (82%)



- Red (84%)
- Yellow (71%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3947, 51.4418, 67.9824 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 55.3947, 51.4418, 67.9824 by changing the saturation by 10% instead.

■ 55.3947, 51.4418,
67.9824

■ 55.3947, 51.4418,
67.9824

397.5185,
392.2778, 472.0300

■ 39.9529, 36.5603,
49.4168

■ 97.2640, 92.3075,
117.9809

■ 27.6859, 24.8673,
34.5823

124.4222,
119.0605, 150.2510

■ 18.2282, 15.9782,
23.0603

156.2165,
150.5395, 187.9263

■ 11.2147, 9.5087,
14.4323

193.0124,
187.1289, 231.4253

■ 6.2798, 5.0745,
8.2798

235.1752,
229.2130, 281.1667

■ 3.0582, 2.2910,
4.1842

283.0703,

■ 1.1846, 0.7689,

277.1762, 337.5689

1.7269

337.0629,
331.4031, 401.0505

■ 0.0942, 0.0000,
0.3791

■ 0.0000, 0.0000,
0.0000

■ 55.3947, 51.4418,
67.9824

■ 55.3947, 51.4418,
67.9824

■ 51.1815, 43.3984,
65.3952

■ 60.2746, 60.8123,
70.8074

■ 47.6004, 36.6154,
63.0325

■ 65.8449, 71.5596,
73.8764

■ 44.6204, 31.0300,
60.8845

■ 72.1335, 83.7389,
77.1993

■ 42.2064, 26.5719,
58.9394

■ 75.8229, 90.7151,
79.6705

40.3193, 23.1629,
57.1841

76.0775, 90.8170,
81.0112

38.9151, 20.7154,
55.6040

76.3351, 90.9200,
82.3677

37.9429, 19.1271,
54.1820

76.5957, 91.0242,
83.7398

37.3399, 18.2727,
52.8971

76.8592, 91.1296,
85.1277

37.1375, 18.0250,
52.3455

77.1258, 91.2363,
86.5313

Harmonies

Analogous

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



52.4160, 51.4418, 76.7831



55.3947, 51.4418, 67.9824



56.6226, 51.4418, 56.7962

Triad

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



55.3947, 51.4418, 67.9824



49.1671, 51.4418, 37.4799



42.6731, 51.4418, 66.4545

Complementary

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



55.3947, 51.4418, 67.9824



51.1659, 60.7122, 53.8245

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.



41.9025, 51.4418, 55.2339



55.3947, 51.4418, 67.9824



45.5332, 51.4418, 39.3706

Square

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



55.3947, 51.4418, 67.9824



52.9124, 51.4418, 39.9914



42.9227, 51.4418, 45.5352



45.0842, 51.4418, 75.8231

Rectangle

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



55.3947, 51.4418, 67.9824



56.2373, 51.4418, 49.7880



42.9227, 51.4418, 45.5352



42.2193, 51.4418, 62.7329

Sweetspot

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



55.3962, 51.4440, 67.9835



90.9305, 92.0587, 106.6088



47.8028, 47.4859, 69.5979



19.3435, 19.4746, 22.7514



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.



55.3962, 51.4440, 67.9835



80.7927, 72.6074, 100.6885



53.4732, 50.6748, 57.8567



12.9021, 12.6123, 15.4245



22.7048, 11.0183, 32.0794



1.3840, 0.6704, 2.0116

Inverse Universe

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



55.3962, 51.4440, 67.9835



80.7927, 72.6074, 100.6885



52.9563, 61.4284, 63.2526



12.9021, 12.6123, 15.4245



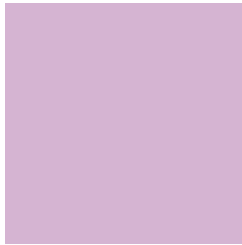
22.7048, 11.0183, 32.0794



1.3840, 0.6704, 2.0116

Previews

White Background



This preview shows how the XYZ color 55.3947, 51.4418, 67.9824 looks on a white background.

Color Contrast Check

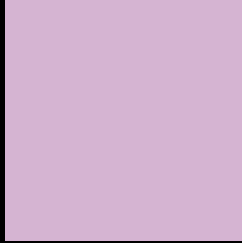
Large Text (above 18pt) WCAG AA × Fail

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 55.3947, 51.4418, 67.9824 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 55.3947, 51.4418, 67.9824

Background



This preview shows how black text looks on a background with the XYZ color 55.3947, 51.4418, 67.9824.



This preview shows how white text looks on a background with the XYZ color 55.3947, 51.4418,

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

55.3947, 51.4418, 67.9824

Protanopia

50.8420, 51.7922, 72.2830

Deuteranopia

52.6770, 51.5807, 67.5013



Tritanopia

53.6700, 51.3360, 59.9034

Trichromacy



Original Color

55.3947, 51.4418, 67.9824

Protanomaly

52.4615, 51.7086, 70.8341

Deuteranomaly

53.6189, 51.4496, 67.4263

Tritanomaly

54.3359, 51.3091, 62.9169

Monochromacy



Original Color

55.3947, 51.4418, 67.9824

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.1114, 52.3693, 61.3946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3947, 51.4418, 67.9824 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, 180, 210)` looks like.

```
.text, #text, p{  
    color:rgb(213, 180, 210)  
}
```

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, 180, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 180, 210) }
```

Border

The CSS property to change the border of an element to XYZ 55.3947, 51.4418, 67.9824 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, 180, 210) }
```


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

```
.border{ border-color:rgb(213, 180, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 180, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 180, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 180, 210);  
box-shadow:4px 4px 4px 4px rgb(213, 180,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3947, 51.4418, 67.9824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 180, 210) }
```

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

```
.background{ background-color: rgb(213,  
180, 210) }
```

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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