

Converting Colors

XYZ(47.5987, 44.1315, 54.6777)

Have a look what the booklet for
XYZ(47.5987, 44.1315, 54.6777)
contains.

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Color

**XYZ(47.6540, 44.2795,
54.7504)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA8BE
RGB	202, 168, 190
RGB Percent	79%, 66%, 75%
CMY	0.2078, 0.3412, 0.2549
CMYK	0.00, 0.17, 0.06, 0.21
HSL	321°, 24%, 73%
HSV	321°, 17%, 79%
XYZ	47.6540, 44.2795, 54.7504
YIQ	180.6740, 13.2020, 14.0500

Conversions

Conversions Part 2

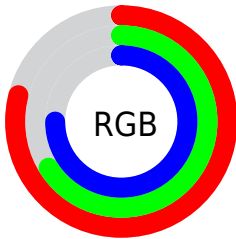
Format	Color
R _Y B	202, 168, 190
Decimal	13281470
CIE Lab	72.41, 16.11, -6.60
CIE LCh	72, 17.414, 337.727
Yxy	44.2795, 0.3249, 0.3019
Android (android.graphics.Color)	4291471550 (0xFFCAA8BE)
YUV	180.6740, 4.5977, 18.7029
Hunter-Lab	66.5428, 11.3810, -2.2029

Details

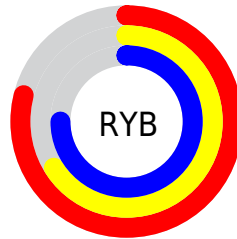
The XYZ color **47.6540, 44.2795, 54.7504** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5089, 53.8624, 51.1803**, and the grayscale version is **43.7170, 45.9937, 50.0872**.

A 20% lighter version of the original color is **84.2622, 80.6892, 98.3222**, and **22.9735, 20.5928, 26.4309** is the 20% darker color. If you saturate the color by 10%, you get **43.4505, 37.0888, 49.5982**, and if you desaturate by 10%, it is **52.4775, 52.6479, 60.2984**.

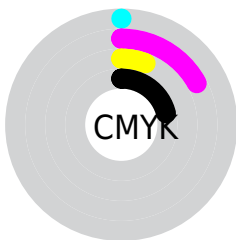
Distribution



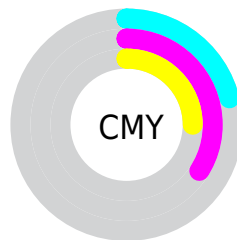
- Red (79%)
- Green (66%)
- Blue (75%)



- Red (79%)
- Yellow (66%)
- Blue (75%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (21%)





- Cyan (21%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6540, 44.2795, 54.7504 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 47.6540, 44.2795, 54.7504 by changing the saturation by 10% instead.


 47.6540, 44.2795,
54.7504

 47.6540, 44.2795,
54.7504


368.0245,
363.8476, 422.2203

 33.7631, 30.8903,
38.8047


 85.9018, 81.6382,
98.6426

 22.8737, 20.5153,
26.3011


 110.9895,
106.3764, 127.4262

 14.6204, 12.7702,
16.8213


140.5400,
135.6665, 161.3262

 8.6380, 7.2705,
9.9465

174.9189,
169.8927, 200.7610

 4.5610, 3.6318,
5.2584

214.4914,
209.4396, 246.1493

 2.0242, 1.4698,
2.3383

259.6230,

 0.6475, 0.2673,

254.6914, 297.9096

0.7525

310.6789,
306.0326, 356.4605

■ 0.0000, 0.0000,
0.0000

■ 47.6540, 44.2795,
54.7504

■ 47.6540, 44.2795,
54.7504

■ 43.4505, 37.0888,
49.5982

■ 52.4775, 52.6479,
60.2984

■ 39.8359, 31.0164,
44.8272

■ 57.9426, 62.2383,
66.2506

■ 36.7823, 26.0066,
40.4260

■ 64.0746, 73.0998,
72.6183

■ 34.2577, 21.9964,
36.3810

■ 70.8961, 85.2769,
79.4116

■ 32.2268, 18.9163,
32.6778

■ 73.7971, 89.5486,
85.0963

■ 30.6499, 16.6876,
29.3002

■ 74.7942, 89.9474,
90.3471

■ 29.4806, 15.2186,
26.2296

■ 75.8325, 90.3627,
95.8145

■ 28.6578, 14.3881,
23.4426

■ 76.9124, 90.7947,
101.5012

■ 28.4338, 14.1873,
22.6060

■ 78.0344, 91.2435,
107.4095

Harmonies

Analogous

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



45.7161, 44.2795, 62.4975



47.6540, 44.2795, 54.7504



48.0659, 44.2795, 46.0254

Triad

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



47.6540, 44.2795, 54.7504



41.3154, 44.2795, 33.6237



37.6862, 44.2795, 59.0461

Complementary

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



47.6540, 44.2795, 54.7504



45.5089, 53.8624, 51.1803

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.



36.6245, 44.2795, 50.4685



47.6540, 44.2795, 54.7504



38.6540, 44.2795, 36.2897

Square

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



47.6540, 44.2795, 54.7504



44.3111, 44.2795, 34.4824



36.9702, 44.2795, 42.2176



39.9373, 44.2795, 65.1758

Rectangle

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



47.6540, 44.2795, 54.7504



47.4024, 44.2795, 40.9270



36.9702, 44.2795, 42.2176



37.1833, 44.2795, 56.3158

Sweetspot

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



47.6553, 44.2815, 54.7513



90.4004, 91.8467, 103.8173



43.4642, 41.9630, 61.6866



19.2144, 19.4230, 22.0713



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.



47.6553, 44.2815, 54.7513



78.1187, 70.5601, 89.6216



45.9138, 43.5849, 45.5808



11.5129, 11.3339, 13.2353



18.3402, 9.1467, 14.7763



0.9813, 0.4859, 0.9476

Inverse Universe

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



47.6553, 44.2815, 54.7513



78.1187, 70.5601, 89.6216



47.3370, 54.5936, 60.8069



11.5129, 11.3339, 13.2353



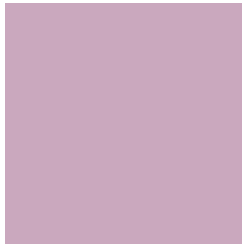
18.3402, 9.1467, 14.7763



0.9813, 0.4859, 0.9476

Previews

White Background



This preview shows how the XYZ color 47.6540, 44.2795, 54.7504 looks on a white background.

Color Contrast Check

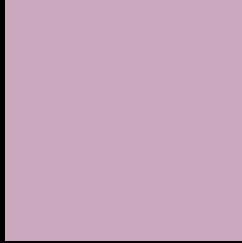
Large Text (above 18pt) WCAG AA × Fail

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 47.6540, 44.2795, 54.7504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

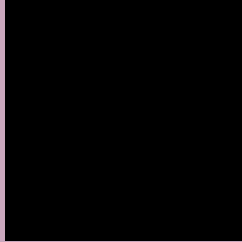
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6540, 44.2795, 54.7504

Background



This preview shows how black text looks on a background with the XYZ color 47.6540, 44.2795, 54.7504.



This preview shows how white text looks on a background with the XYZ color 47.6540, 44.2795,

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

47.6540, 44.2795, 54.7504

Protanopia

43.4770, 44.6145, 57.9497

Deuteranopia

45.3641, 44.5084, 54.3442



Tritanopia

46.7189, 44.1708, 50.3194

Trichromacy



Original Color

47.6540, 44.2795, 54.7504

Protanomaly

44.7693, 44.4366, 56.6696

Deuteranomaly

45.9964, 44.2693, 54.2647

Tritanomaly

47.0323, 44.2962, 51.9701

Monochromacy



Original Color

47.6540, 44.2795, 54.7504

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.1633, 45.3302, 51.7166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6540, 44.2795, 54.7504 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(202, 168, 190)` looks like.

```
.text, #text, p{  
    color:rgb(202, 168, 190)  
}
```

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(202, 168, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 168, 190) }
```

Border

The CSS property to change the border of an element to XYZ 47.6540, 44.2795, 54.7504 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(202, 168, 190) }
```


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

```
.border{ border-color:rgb(202, 168, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 168, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 168, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 168, 190);  
box-shadow:4px 4px 4px 4px rgb(202, 168,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6540, 44.2795, 54.7504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 168, 190) }
```

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

```
.background{ background-color: rgb(202,  
168, 190) }
```

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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