

Converting Colors

XYZ(47.6334, 47.2214, 54.7520)

Have a look what the booklet for
XYZ(47.6334, 47.2214, 54.7520)
contains.

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Color

**XYZ(47.6114, 47.1170,
54.7292)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B2BD
RGB	195, 178, 189
RGB Percent	76%, 70%, 74%
CMY	0.2353, 0.3019, 0.2588
CMYK	0.00, 0.09, 0.03, 0.24
HSL	321°, 12%, 73%
HSV	321°, 9%, 76%
XYZ	47.6114, 47.1170, 54.7292
YIQ	184.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

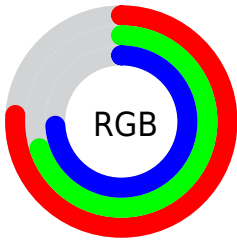
Format	Color
R _Y B	195, 178, 189
Decimal	12825277
CIE Lab	74.26, 8.02, -3.39
CIE LCh	74, 8.711, 337.091
Yxy	47.1170, 0.3186, 0.3153
Android (android.graphics.Color)	4291015357 (0xFFC3B2BD)
YUV	184.3370, 2.2989, 9.3515
Hunter-Lab	68.6418, 3.6881, 0.7764

Details

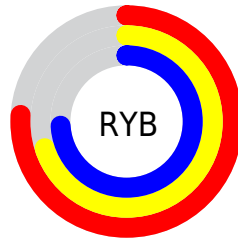
The XYZ color **47.6114, 47.1170, 54.7292** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.5288, 51.9572, 52.9264**, and the grayscale version is **45.7325, 48.1142, 52.3963**.

A 20% lighter version of the original color is **86.0491, 86.1337, 98.4764**, and **22.7621, 22.1075, 26.3600** is the 20% darker color. If you saturate the color by 10%, you get **43.2747, 39.6107, 49.6844**, and if you desaturate by 10%, it is **52.5378, 55.7447, 60.1467**.

Distribution



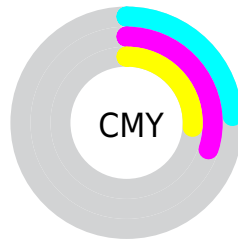
- Red (76%)
- Green (70%)
- Blue (74%)



- Red (76%)
- Yellow (70%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (24%)





- Cyan (24%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6114, 47.1170, 54.7292 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 47.6114, 47.1170, 54.7292 by changing the saturation by 10% instead.


 47.6114, 47.1170,
54.7292

 47.6114, 47.1170,
54.7292


367.8580,
375.2814, 422.1376

 33.7292, 33.1282,
38.7878


 85.8387, 85.8882,
98.6112

 22.8476, 22.2246,
26.2881


110.9146,
111.4394, 127.3890

 14.6011, 14.0221,
16.8116


140.4524,
141.6135, 161.2826

 8.6244, 8.1360,
9.9397

174.8175,
176.7949, 200.7106

 4.5521, 4.1821,
5.2539

214.3753,
217.3680, 246.0916

 2.0190, 1.7759,
2.3357

259.4910,

 0.6446, 0.4721,

263.7172, 297.8440

0.7511

310.5302,
316.2268, 356.3865

■ 0.0000, 0.0000,
0.0000

■ 47.6114, 47.1170,
54.7292

■ 47.6114, 47.1170,
54.7292

■ 43.2747, 39.6107,
49.6844

■ 52.5378, 55.7447,
60.1467

■ 39.5001, 33.1731,
44.9990

■ 58.0721, 65.5312,
65.9437

■ 36.2635, 27.7565,
40.6630

■ 64.2367, 76.5202,
72.1304

■ 33.5378, 23.3071,
36.6651

■ 70.7302, 88.1079,
78.6087

■ 31.2931, 19.7662,
32.9925

■ 71.6421, 88.4727,
83.4106

■ 29.4964, 17.0687,
29.6318

■ 72.5917, 88.8526,
88.4114

■ 28.1104, 15.1408,
26.5678

■ 73.5796, 89.2477,
93.6134

■ 27.0912, 13.8955,
23.7831

■ 74.6061, 89.6583,
99.0189

■ 26.3670, 13.1901,
21.2509

■ 75.6716, 90.0845,
104.6300

Harmonies

Analogous

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



46.6219, 47.1170, 58.4851



47.6114, 47.1170, 54.7292



47.8349, 47.1170, 50.2463

Triad

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



47.6114, 47.1170, 54.7292



44.4130, 47.1170, 43.2201



42.4266, 47.1170, 56.6748

Complementary

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



47.6114, 47.1170, 54.7292



46.5288, 51.9572, 52.9264

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.



41.8643, 47.1170, 52.3732



47.6114, 47.1170, 54.7292



42.9937, 47.1170, 44.7333

Square

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



47.6114, 47.1170, 54.7292



45.9644, 47.1170, 43.7697



42.0695, 47.1170, 48.0217



43.6226, 47.1170, 59.6532

Rectangle

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



47.6114, 47.1170, 54.7292



47.5148, 47.1170, 47.4786



42.0695, 47.1170, 48.0217



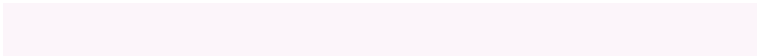
42.1585, 47.1170, 55.3262

Sweetspot

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



47.6128, 47.1190, 54.7302



90.1434, 92.8978, 103.4388



45.5278, 45.9674, 58.1036



19.5823, 20.0666, 22.4783



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.



47.6128, 47.1190, 54.7302



84.0923, 82.3336, 96.6805



46.7221, 46.7628, 50.0401



10.3414, 10.1852, 11.8885



17.1230, 8.5390, 13.8259



0.7716, 0.3816, 0.7644

Inverse Universe

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



47.6128, 47.1190, 54.7302



84.0923, 82.3336, 96.6805



47.4411, 52.3221, 57.7308



10.3414, 10.1852, 11.8885



17.1230, 8.5390, 13.8259



0.7716, 0.3816, 0.7644

Previews

White Background



This preview shows how the XYZ color 47.6114, 47.1170, 54.7292 looks on a white background.

Color Contrast Check

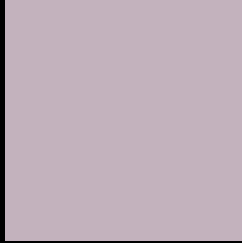
Large Text (above 18pt) WCAG AA × Fail

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 47.6114, 47.1170, 54.7292 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 47.6114, 47.1170, 54.7292

Background



This preview shows how black text looks on a background with the XYZ color 47.6114, 47.1170, 54.7292.



This preview shows how white text looks on a background with the XYZ color 47.6114, 47.1170,

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

47.6114, 47.1170, 54.7292

Protanopia

45.6604, 47.2848, 56.0105

Deuteranopia

47.9334, 46.9887, 54.6875



Tritanopia

47.9405, 47.2487, 56.4623

Trichromacy



Original Color

47.6114, 47.1170, 54.7292

Protanomaly

46.3117, 47.3302, 55.4100

Deuteranomaly

47.6724, 46.8542, 54.6753

Tritanomaly

47.8300, 47.2045, 55.8807

Monochromacy



Original Color

47.6114, 47.1170, 54.7292

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.3299, 47.6924, 53.2181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6114, 47.1170, 54.7292 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(195, 178, 189)` looks like.

```
.text, #text, p{  
    color:rgb(195, 178, 189)  
}
```

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(195, 178, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 178, 189) }
```

Border

The CSS property to change the border of an element to XYZ 47.6114, 47.1170, 54.7292 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(195, 178, 189) }
```


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

```
.border{ border-color:rgb(195, 178, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 178, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 178, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 178, 189);  
box-shadow:4px 4px 4px 4px rgb(195, 178,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6114, 47.1170, 54.7292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 178, 189) }
```

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

```
.background{ background-color: rgb(195,  
178, 189) }
```

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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