

Converting Colors

XYZ(45.1198, 47.0691, 53.1624)

Have a look what the booklet for
XYZ(45.1198, 47.0691, 53.1624)
contains.

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Color

**XYZ(45.1193, 47.0683,
53.1614)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B6BA
RGB	183, 182, 186
RGB Percent	72%, 71%, 73%
CMY	0.2823, 0.2863, 0.2706
CMYK	0.02, 0.02, 0.00, 0.27
HSL	255°, 3%, 72%
HSV	255°, 2%, 73%
XYZ	45.1193, 47.0683, 53.1614
YIQ	182.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

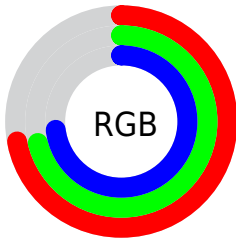
Format	Color
RYB	183, 182, 186
Decimal	12039866
CIELab	74.23, 1.10, -1.91
CIELCh	74, 2.207, 300.030
Yxy	47.0683, 0.3104, 0.3238
Android (android.graphics.Color)	4290229946 (0xFFB7B6BA)
YUV	182.7550, 1.5998, 0.2149
Hunter-Lab	68.6063, -2.6697, 2.0820

Details

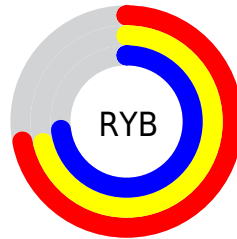
The XYZ color **45.1193, 47.0683, 53.1614** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0117, 48.8107, 51.2546**, and the grayscale version is **44.8684, 47.2051, 51.4063**.

A 20% lighter version of the original color is **82.1982, 85.9106, 96.2545**, and **21.2898, 22.1398, 25.3416** is the 20% darker color. If you saturate the color by 10%, you get **38.4032, 38.3229, 51.8281**, and if you desaturate by 10%, it is **52.6735, 56.9994, 54.6809**.

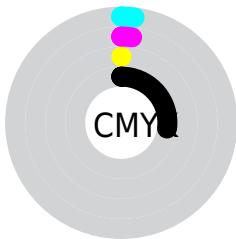
Distribution



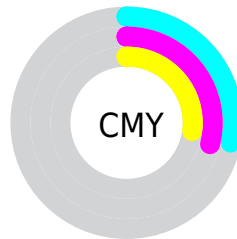
- Red (72%)
- Green (71%)
- Blue (73%)



- Red (72%)
- Yellow (71%)
- Blue (73%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (28%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.1193, 47.0683, 53.1614 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 45.1193, 47.0683, 53.1614 by changing the saturation by 10% instead.

■ 45.1193, 47.0683,
53.1614

■ 45.1193, 47.0683,
53.1614

358.0321,
375.0871, 415.9879

■ 31.7531, 33.0897,
37.5430

■ 82.1354, 85.8156,
96.2858

■ 21.3276, 22.1951,
25.3291

106.5159,
111.3530, 124.6289

■ 13.4775, 14.0004,
16.1012

135.2987,
141.5121, 158.0506

■ 7.8374, 8.1209,
9.4407

168.8489,
176.6773, 196.9695

■ 4.0420, 4.1724,
4.9290

207.5320,
217.2330, 241.8042

■ 1.7259, 1.7705,
2.1476

251.7133,

■ 0.4724, 0.4687,

263.5636, 292.9731

0.6439

301.7582,
316.0535, 350.8948

■ 0.0000, 0.0000,
0.0000

■ 45.1193, 47.0683,
53.1614

■ 45.1193, 47.0683,
53.1614

■ 38.4032, 38.3229,
51.8281

■ 52.6735, 56.9994,
54.6809

■ 32.4917, 30.7128,
50.6707

■ 61.0894, 68.1523,
56.3900

■ 27.3551, 24.1925,
49.6829

■ 70.3952, 80.5691,
58.2962

■ 22.9603, 18.7114,
48.8566

■ 80.1662, 93.3884,
60.2556

■ 19.2717, 14.2146,
48.1830

■ 85.0589, 95.9107,
60.4846

■ 16.2505, 10.6424,
47.6528

■ 85.8631, 96.3252,
60.5222

■ 13.8542, 7.9282,
47.2552

■ 12.0347, 5.9960,
46.9781

■ 10.7363, 4.7563,
46.8072

Harmonies

Analogous

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



44.7374, 47.0683, 53.4620



45.1193, 47.0683, 53.1614



45.4001, 47.0683, 52.3469

Triad

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



45.1193, 47.0683, 53.1614



45.1186, 47.0683, 49.3827



43.9796, 47.0683, 51.2505

Complementary

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



45.1193, 47.0683, 53.1614



46.0117, 48.8107, 51.2546

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.



44.0804, 47.0683, 50.1673



45.1193, 47.0683, 53.1614



44.7366, 47.0683, 49.0986

Square

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



45.1193, 47.0683, 53.1614



45.3997, 47.0683, 50.1654



44.3569, 47.0683, 49.3838



44.0808, 47.0683, 52.3489

Rectangle

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



45.1193, 47.0683, 53.1614



45.4914, 47.0683, 51.6280



44.3569, 47.0683, 49.3838



43.9910, 47.0683, 50.8726

Sweetspot

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



45.1206, 47.0703, 53.1624



83.2559, 87.2454, 96.6534



45.5188, 48.2175, 53.3629



18.3493, 19.2325, 21.2877



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



45.1206, 47.0703, 53.1624



80.6247, 83.8018, 96.1274



45.5839, 47.3091, 53.1841



9.5473, 9.8957, 11.4863



6.7920, 2.8126, 31.4380



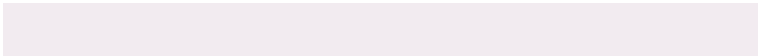
0.2978, 0.1292, 1.1110

Inverse Universe

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



45.7362, 47.3999, 52.6398



82.2003, 84.6454, 94.7846



45.5482, 48.5718, 51.2329



9.7772, 10.0188, 11.2898



16.8193, 8.3015, 17.4673



0.6161, 0.3019, 0.7378

Previews

White Background



This preview shows how the XYZ color 45.1193, 47.0683, 53.1614 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 45.1193, 47.0683, 53.1614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

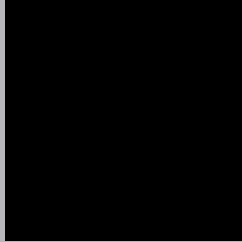
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1193, 47.0683, 53.1614

Background



This preview shows how black text looks on a background with the XYZ color 45.1193, 47.0683, 53.1614.



This preview shows how white text looks on a background with the XYZ color 45.1193, 47.0683,

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

45.1193, 47.0683, 53.1614

Protanopia

45.5985, 47.3154, 53.1839

Deuteranopia

47.9805, 47.0379, 53.5641



Tritanopia

46.1414, 47.1782, 58.3042

Trichromacy



Original Color

45.1193, 47.0683, 53.1614

Protanomaly

45.3580, 47.1914, 53.1726

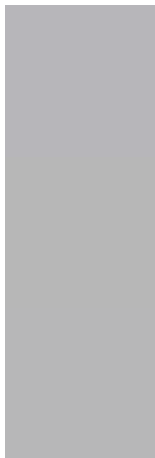
Deuteranomaly

47.0821, 47.1655, 53.6361

Tritanomaly

45.8055, 47.0439, 56.5353

Monochromacy



Original Color

45.1193, 47.0683, 53.1614

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.1137, 47.3949, 52.1178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1193, 47.0683, 53.1614 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(183, 182, 186) looks like.

```
.text, #text, p{  
    color:rgb(183, 182, 186)  
}
```

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(183, 182, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 182, 186) }
```

Border

The CSS property to change the border of an element to XYZ 45.1193, 47.0683, 53.1614 is called "border". The border property can be set on classes, ids or directly on the HTML element.

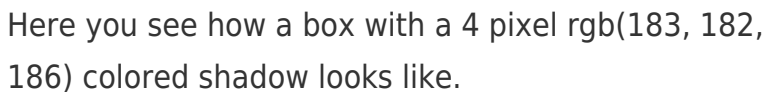
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 182, 186) }
```


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

```
.border{ border-color:rgb(183, 182, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 182, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 182, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 182, 186); box-shadow:4px 4px 4px 4px rgb(183, 182, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1193, 47.0683, 53.1614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 182, 186) }
```

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

```
.background{ background-color: rgb(183,  
182, 186) }
```

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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