

Converting Colors

XYZ(47.1130, 49.9956, 53.9226)

Have a look what the booklet for
XYZ(47.1130, 49.9956, 53.9226)
contains.

XYZ(47.2026, 49.9934, 54.1756)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(47.2026, 49.9934,
54.1756)**

Conversions

Conversions Part 1

Format	Color
Hex	BABCBB
RGB	186, 188, 187
RGB Percent	73%, 74%, 73%
CMY	0.2706, 0.2627, 0.2667
CMYK	0.01, 0.00, 0.01, 0.26
HSL	150°, 1%, 73%
HSV	150°, 1%, 74%
XYZ	47.2026, 49.9934, 54.1756
YIQ	187.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

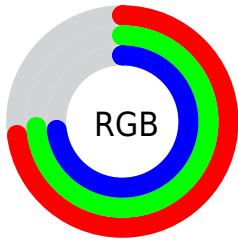
Format	Color
R _Y B	186, 187, 188
Decimal	12238011
CIE Lab	76.07, -0.88, 0.25
CIE LCh	76, 0.913, 163.990
Yxy	49.9934, 0.3118, 0.3303
Android (android.graphics.Color)	4290428091 (0xFFBABCBB)
YUV	187.2880, -0.1420, -1.1296
Hunter-Lab	70.7060, -4.5708, 4.0657

Details

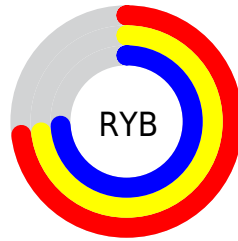
The XYZ color **47.2026, 49.9934, 54.1756** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2695, 49.3984, 54.0597**, and the grayscale version is **47.3990, 49.8674, 54.3056**.

A 20% lighter version of the original color is **85.1463, 90.0497, 97.6877**, and **22.6399, 24.0357, 26.0004** is the 20% darker color. If you saturate the color by 10%, you get **41.9575, 47.4035, 48.8407**, and if you desaturate by 10%, it is **53.1176, 52.9238, 59.8889**.

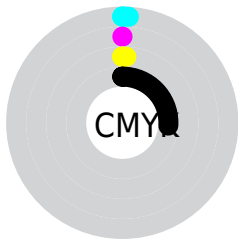
Distribution



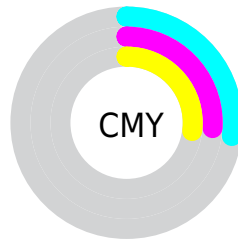
- Red (73%)
- Green (74%)
- Blue (73%)



- Red (73%)
- Yellow (73%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (27%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2026, 49.9934, 54.1756 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 47.2026, 49.9934, 54.1756 by changing the saturation by 10% instead.

■ 47.2026, 49.9934,
54.1756

■ 47.2026, 49.9934,
54.1756

366.2581,
386.6401, 419.9728

■ 33.4045, 35.4082,
38.3479

■ 85.2329, 90.1651,
97.7910

■ 22.5972, 23.9775,
25.9489

110.1957,
116.5203, 126.4159

■ 14.4154, 15.3169,
16.5600

139.6108,
147.5677, 160.1435

■ 8.4938, 9.0421,
9.7627

173.8436,
183.6916, 199.3925

■ 4.4669, 4.7686,
5.1383

213.2593,
225.2764, 244.5814

■ 1.9695, 2.1122,
2.2685

258.2234,

■ 0.6168, 0.6715,

272.7065, 296.1287

0.7135

309.1012,
326.3662, 354.4530

■ 0.0000, 0.0000,
0.0000

■ 47.2026, 49.9934,
54.1756

■ 47.2026, 49.9934,
54.1756

■ 41.9575, 47.4035,
48.8407

■ 53.1176, 52.9238,
59.8889

■ 37.3534, 45.1352,
43.8732

■ 59.7215, 56.2002,
65.9848

■ 33.3659, 43.1774,
39.2662

■ 67.0378, 59.8359,
72.4715

■ 29.9668, 41.5158,
35.0115

■ 72.7684, 62.6460,
79.2477

■ 27.1261, 40.1350,
31.1004

■ 74.0862, 63.1731,
86.1869

■ 24.8108, 39.0181,
27.5239

■ 75.4758, 63.7290,
93.5047

■ 22.9842, 38.1466,
24.2727

■ 76.9385, 64.3141,
101.2069

■ 21.6049, 37.4991,
21.3366

■ 77.2742, 64.4483,
102.9747

■ 20.6234, 37.0503,
18.7051

Harmonies

Analogous

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



47.2898, 49.9934, 53.7612



47.2026, 49.9934, 54.1756



47.1996, 49.9934, 54.6618

Triad

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



47.2026, 49.9934, 54.1756



47.5966, 49.9934, 55.3511



47.7536, 49.9934, 53.7844

Complementary

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



47.2026, 49.9934, 54.1756



47.2695, 49.3984, 54.0597

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.



47.8363, 49.9934, 54.2075



47.2026, 49.9934, 54.1756



47.7454, 49.9934, 55.1131

Square

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



47.2026, 49.9934, 54.1756



47.4268, 49.9934, 55.3424



47.8332, 49.9934, 54.6938



47.6078, 49.9934, 53.5362

Rectangle

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



47.2026, 49.9934, 54.1756



47.2457, 49.9934, 54.9612



47.8332, 49.9934, 54.6938



47.7897, 49.9934, 53.9108

Sweetspot

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



47.2040, 49.9955, 54.1767



86.6293, 91.1408, 99.2523



47.3497, 50.0830, 53.6266



18.6292, 19.5994, 21.3438



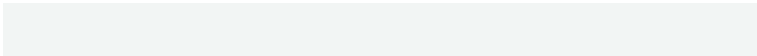
90.7827, 95.5105, 104.0109

Same Dimension

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



47.2040, 49.9955, 54.1767



85.5954, 90.6293, 98.2311



47.3082, 50.0372, 54.7253



10.6042, 11.2222, 12.1681



13.6526, 25.0513, 11.4994



0.5678, 0.9945, 0.6244

Inverse Universe

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



47.2695, 49.3984, 54.0597



85.7085, 89.5966, 98.0288



47.1660, 49.3570, 53.5147



10.6171, 11.1045, 12.1450



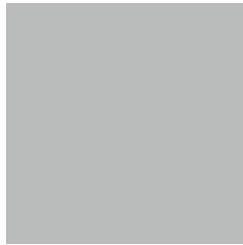
15.5378, 7.8463, 8.1254



0.6416, 0.3206, 0.4922

Previews

White Background



This preview shows how the XYZ color 47.2026, 49.9934, 54.1756 looks on a white background.

Color Contrast Check

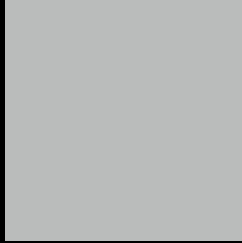
Large Text (above 18pt) WCAG AA × Fail

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 47.2026, 49.9934, 54.1756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

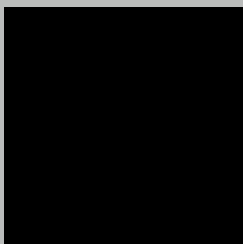
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

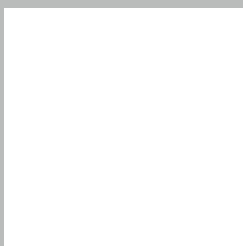
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2026, 49.9934, 54.1756

Background



This preview shows how black text looks on a background with the XYZ color 47.2026, 49.9934, 54.1756.

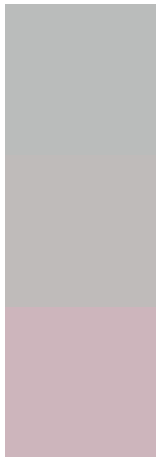


This preview shows how white text looks on a background with the XYZ color 47.2026, 49.9934,

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

47.2026, 49.9934, 54.1756

Protanopia

48.1191, 50.1622, 53.6005

Deuteranopia

50.7778, 49.6577, 54.4856



Tritanopia

48.8406, 50.0262, 62.3402

Trichromacy



Original Color

47.2026, 49.9934, 54.1756

Protanomaly

47.6195, 49.9046, 53.5771

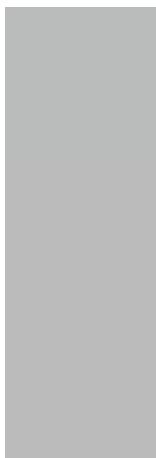
Deuteranomaly

49.5063, 49.9176, 54.6027

Tritanomaly

48.2276, 50.0910, 59.3512

Monochromacy



Original Color

47.2026, 49.9934, 54.1756

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.2335, 49.6933, 54.1160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2026, 49.9934, 54.1756 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(186, 188, 187) looks like.

```
.text, #text, p{  
    color:rgb(186, 188, 187)  
}
```

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(186, 188, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 188, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.2026, 49.9934, 54.1756 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(186, 188, 187) }
```

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

```
.border{ border-color:rgb(186, 188, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 188, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(186, 188,  
187) }
```


Background

The CSS property to change the background color of an element to XYZ 47.2026, 49.9934, 54.1756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 188, 187) }
```

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

```
.background{ background-color: rgb(186,  
188, 187) }
```

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