

Converting Colors

XYZ(47.6440, 49.9357, 53.0268)

Have a look what the booklet for
XYZ(47.6440, 49.9357, 53.0268)
contains.

XYZ(47.7625, 49.9906, 53.0307)	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(47.7625, 49.9906,
53.0307)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBBB9
RGB	190, 187, 185
RGB Percent	75%, 73%, 73%
CMY	0.2549, 0.2666, 0.2745
CMYK	0.00, 0.02, 0.03, 0.25
HSL	24°, 4%, 74%
HSV	24°, 3%, 75%
XYZ	47.7625, 49.9906, 53.0307
YIQ	187.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

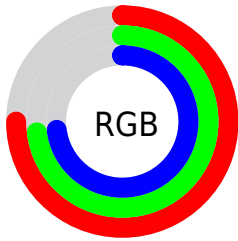
Format	Color
RYB	190, 188, 185
Decimal	12499897
CIELab	76.06, 0.69, 1.37
CIELCh	76, 1.536, 63.355
Yxy	49.9906, 0.3168, 0.3315
Android (android.graphics.Color)	4290689977 (0xFFBEBB9)
YUV	187.6690, -1.3158, 2.0443
Hunter-Lab	70.7040, -3.1504, 5.0231

Details

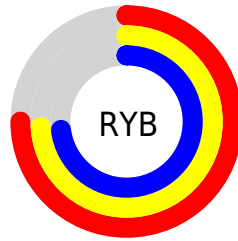
The XYZ color **47.7625, 49.9906, 53.0307** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2850, 49.9977, 55.8742**, and the grayscale version is **47.6197, 50.0996, 54.5585**.

A 20% lighter version of the original color is **85.9338, 90.0449, 96.0703**, and **23.0065, 24.0345, 25.2563** is the 20% darker color. If you saturate the color by 10%, you get **43.5690, 44.6014, 42.3895**, and if you desaturate by 10%, it is **52.4185, 55.8745, 65.1497**.

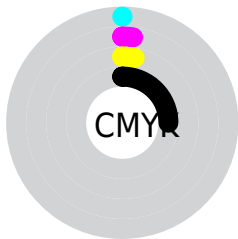
Distribution



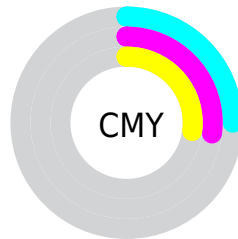
- Red (75%)
- Green (73%)
- Blue (73%)



- Red (75%)
- Yellow (74%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (25%)



- Cyan (25%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7625, 49.9906, 53.0307 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 47.7625, 49.9906, 53.0307 by changing the saturation by 10% instead.

■ 47.7625, 49.9906,
53.0307

■ 47.7625, 49.9906,
53.0307

368.4482,
386.6292, 415.4725

■ 33.8493, 35.4059,
37.4394

■ 86.0625, 90.1609,
96.0915

■ 22.9402, 23.9757,
25.2494

111.1801,
116.5154, 124.3982

■ 14.6698, 15.3156,
16.0423

140.7631,
147.5619, 157.7803

■ 8.6728, 9.0412,
9.3994

175.1770,
183.6849, 196.6565

■ 4.5838, 4.7681,
4.9022

214.7871,
225.2687, 241.4452

■ 2.0374, 2.1118,
2.1323

259.9588,

■ 0.6548, 0.6713,

272.6978, 292.5651

0.6349

311.0574,
326.3565, 350.4347

■ 0.0000, 0.0000,
0.0000

■ 47.7625, 49.9906,
53.0307

■ 47.7625, 49.9906,
53.0307

■ 43.5690, 44.6014,
42.3895

■ 52.4185, 55.8745,
65.1497

■ 39.8188, 39.6874,
33.1659

■ 57.5471, 62.2592,
78.7973

■ 36.4974, 35.2370,
25.3002

■ 63.1631, 69.1589,
94.0256

■ 33.5881, 31.2360,
18.7271

■ 68.2981, 76.1925,
105.7147

■ 31.0728, 27.6691,
13.3760

■ 71.6183, 82.8329,
106.8214

■ 28.9319, 24.5202,
9.1693

■ 75.0455, 89.6873,
107.9638

■ 27.1438, 21.7721,
6.0207

■ 25.6844, 19.4060,
3.8309

■ 24.5256, 17.4007,
2.4815

Harmonies

Analogous

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



47.9770, 49.9906, 53.5668



47.7625, 49.9906, 53.0307



47.4823, 49.9906, 52.8686

Triad

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



47.7625, 49.9906, 53.0307



46.9657, 49.9906, 54.5238



47.8187, 49.9906, 55.7622

Complementary

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



47.7625, 49.9906, 53.0307



47.2850, 49.9977, 55.8742

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.



47.5469, 49.9906, 56.0245



47.7625, 49.9906, 53.0307



47.0551, 49.9906, 55.3050

Square

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



47.7625, 49.9906, 53.0307



47.0230, 49.9906, 53.7255



47.2675, 49.9906, 55.8563



48.0096, 49.9906, 55.1432

Rectangle

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



47.7625, 49.9906, 53.0307



47.2961, 49.9906, 52.9930



47.2675, 49.9906, 55.8563



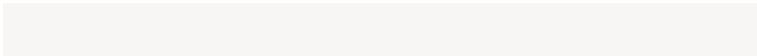
47.7337, 49.9906, 55.8953

Sweetspot

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



47.7639, 49.9928, 53.0318



87.8594, 92.2539, 99.4635



47.6620, 49.2767, 54.5769



19.3022, 20.2697, 21.8647



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



47.7639, 49.9928, 53.0318



86.2205, 90.1679, 95.2430



48.2982, 51.0613, 53.2099



10.3569, 10.8158, 11.3437



15.9170, 10.8729, 1.2598



0.6878, 0.5544, 0.0708

Inverse Universe

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



47.2850, 49.9977, 55.8742



85.2180, 90.1783, 101.1938



46.7563, 48.9402, 55.6980



10.2090, 10.8174, 12.2221



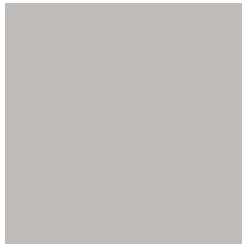
10.2501, 10.6120, 33.9010



0.4639, 0.5405, 1.3487

Previews

White Background



This preview shows how the XYZ color 47.7625, 49.9906, 53.0307 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 47.7625, 49.9906, 53.0307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

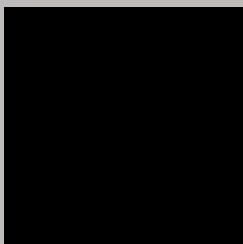
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

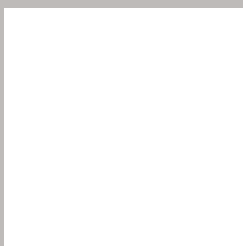
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.7625, 49.9906, 53.0307

Background



This preview shows how black text looks on a background with the XYZ color 47.7625, 49.9906, 53.0307.

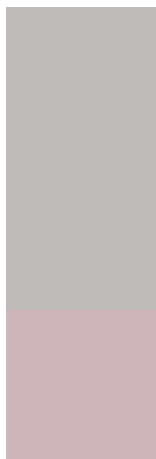


This preview shows how white text looks on a background with the XYZ color 47.7625, 49.9906,

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

47.7625, 49.9906, 53.0307

Protanopia

48.0131, 50.1198, 53.0425

Deuteranopia

50.8404, 49.7147, 53.3707



Tritanopia

49.3960, 50.0279, 61.0857

Trichromacy



Original Color

47.7625, 49.9906, 53.0307

Protanomaly

48.0131, 50.1198, 53.0425

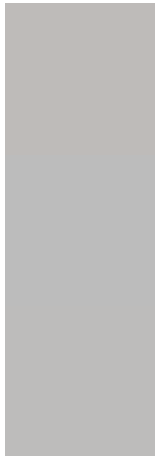
Deuteranomaly

49.6158, 49.6915, 53.4308

Tritanomaly

48.7824, 50.0892, 58.1360

Monochromacy



Original Color

47.7625, 49.9906, 53.0307

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9391, 50.3731, 54.2100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7625, 49.9906, 53.0307 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(190, 187, 185)` looks like.

```
.text, #text, p{  
    color:rgb(190, 187, 185)  
}
```

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(190, 187, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 187, 185) }
```

Border

The CSS property to change the border of an element to XYZ 47.7625, 49.9906, 53.0307 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(190, 187, 185) }
```


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

```
.border{ border-color:rgb(190, 187, 185) }
```

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

Here you see how a box with a 4 pixel rgb(190, 187, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 187, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 187, 185);  
box-shadow:4px 4px 4px 4px rgb(190, 187,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7625, 49.9906, 53.0307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 187, 185) }
```

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

```
.background{ background-color: rgb(190,  
187, 185) }
```

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