

Converting Colors

XYZ(48.0494, 51.3584, 53.0815)

Have a look what the booklet for
XYZ(48.0494, 51.3584, 53.0815)
contains.

XYZ(48.1268, 51.4558, 53.2943)	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(48.1268, 51.4558,
53.2943)**

Conversions

Conversions Part 1

Format	Color
Hex	BCBFB9
RGB	188, 191, 185
RGB Percent	74%, 75%, 73%
CMY	0.2627, 0.2510, 0.2745
CMYK	0.02, 0.00, 0.03, 0.25
HSL	90°, 4%, 74%
HSV	90°, 3%, 75%
XYZ	48.1268, 51.4558, 53.2943
YIQ	189.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

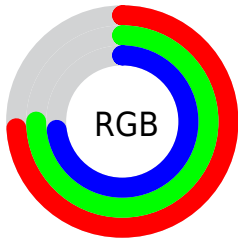
Format	Color
RYB	185, 191, 188
Decimal	12369849
CIELab	76.95, -2.14, 2.65
CIELCh	77, 3.407, 128.968
Yxy	51.4558, 0.3148, 0.3366
Android (android.graphics.Color)	4290559929 (0xFFBCBFB9)
YUV	189.4190, -2.1786, -1.2445
Hunter-Lab	71.7327, -5.7733, 6.1630

Details

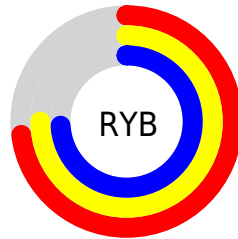
The XYZ color **48.1268, 51.4558, 53.2943** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4940, 49.1523, 56.2771**, and the grayscale version is **48.6230, 51.1552, 55.7080**.

A 20% lighter version of the original color is **86.4462, 92.1055, 96.4410**, and **23.2450, 24.9938, 25.4289** is the 20% darker color. If you saturate the color by 10%, you get **43.9680, 49.5309, 43.2718**, and if you desaturate by 10%, it is **52.7153, 53.5739, 64.7532**.

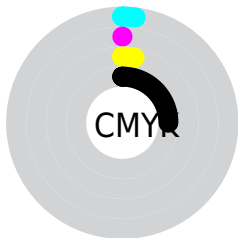
Distribution



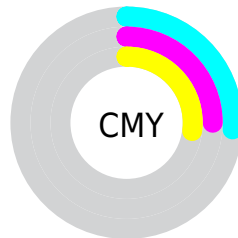
- Red (74%)
- Green (75%)
- Blue (73%)



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



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



- Cyan (26%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1268, 51.4558, 53.2943 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 48.1268, 51.4558, 53.2943 by changing the saturation by 10% instead.

■ 48.1268, 51.4558,
53.2943

■ 48.1268, 51.4558,
53.2943

369.8687,
392.3321, 416.5115

■ 34.1390, 36.5715,
37.6484

■ 86.6017, 92.3282,
96.4832

■ 23.1638, 24.8759,
25.4102

111.8195,
119.0850, 124.8633

■ 14.8359, 15.9846,
16.1612

141.5114,
150.5681, 158.3253

■ 8.7898, 9.5133,
9.4827

176.0426,
187.1620, 197.2876

■ 4.6604, 5.0774,
4.9562

215.7786,
229.2509, 242.1689

■ 2.0821, 2.2928,
2.1633

261.0848,

■ 0.6794, 0.7699,

277.2193, 293.3876

0.6531

312.3263,
331.4515, 351.3623

■ 0.0000, 0.0000,
0.0000

■ 48.1268, 51.4558,
53.2943

■ 48.1268, 51.4558,
53.2943

■ 43.9680, 49.5309,
43.2718

■ 52.7153, 53.5739,
64.7532

■ 40.2209, 47.7867,
34.6256

■ 57.7423, 55.8841,
77.6984

■ 36.8724, 46.2192,
27.2965

■ 63.2216, 58.3939,
92.1820

■ 33.9071, 44.8220,
21.2196

■ 68.1169, 60.6890,
102.7317

■ 31.3083, 43.5879,
16.3246

■ 71.2017, 62.2793,
102.8761

■ 29.0580, 42.5094,
12.5341

■ 74.4563, 63.9571,
103.0284

■ 27.1362, 41.5780,
9.7617

■ 77.8832, 65.7238,
103.1888

■ 25.5203, 40.7844,
7.9077

■ 77.9218, 65.7437,
103.1906

■ 24.1840, 40.1174,
6.8529

Harmonies

Analogous

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



48.7130, 51.4558, 52.5709



48.1268, 51.4558, 53.2943



47.7519, 51.4558, 54.7541

Triad

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



48.1268, 51.4558, 53.2943



48.4608, 51.4558, 59.4282



50.1499, 51.4558, 55.4715

Complementary

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



48.1268, 51.4558, 53.2943



47.4940, 49.1523, 56.2771

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.



50.0809, 51.4558, 57.3187



48.1268, 51.4558, 53.2943



49.1019, 51.4558, 59.6305

Square

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



48.1268, 51.4558, 53.2943



47.9436, 51.4558, 58.3038



49.6960, 51.4558, 58.8508



49.8836, 51.4558, 53.8095

Rectangle

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



48.1268, 51.4558, 53.2943



47.6704, 51.4558, 55.9623



49.6960, 51.4558, 58.8508



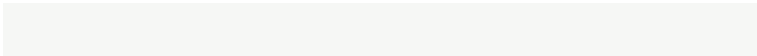
50.1652, 51.4558, 56.0910

Sweetspot

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



48.1282, 51.4580, 53.2954



87.8760, 92.9340, 99.5939



48.2280, 50.5475, 53.1144



19.3057, 20.4116, 21.8919



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.



48.1282, 51.4580, 53.2954



85.4760, 91.8250, 93.6894



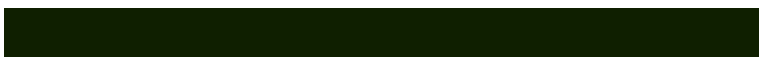
47.3968, 51.0810, 53.2612



10.2764, 11.0745, 11.1870



15.4684, 26.1501, 4.2322



0.6814, 1.0632, 0.1693

Inverse Universe

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



47.4940, 49.1523, 56.2771



84.0165, 86.5190, 100.5508



48.2408, 49.5372, 56.3120



10.0743, 10.3399, 12.1370



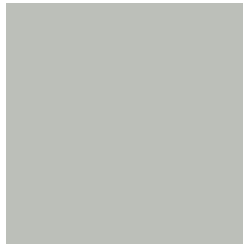
9.4129, 4.1386, 32.6956



0.4442, 0.2010, 1.2842

Previews

White Background



This preview shows how the XYZ color 48.1268, 51.4558, 53.2943 looks on a white background.

Color Contrast Check

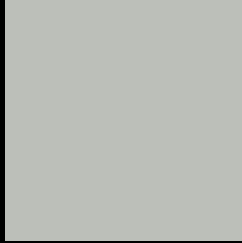
Large Text (above 18pt) WCAG AA × Fail

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 48.1268, 51.4558, 53.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

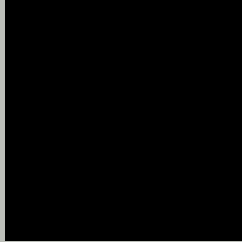
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

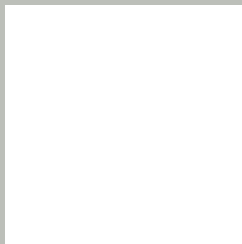
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1268, 51.4558, 53.2943

Background



This preview shows how black text looks on a background with the XYZ color 48.1268, 51.4558, 53.2943.



This preview shows how white text looks on a background with the XYZ color 48.1268, 51.4558,

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

48.1268, 51.4558, 53.2943

Protanopia

49.3550, 51.4580, 52.6785

Deuteranopia

52.2979, 51.3815, 53.6156



Tritanopia

50.2486, 51.3546, 63.7640

Trichromacy



Original Color

48.1268, 51.4558, 53.2943

Protanomaly

48.8034, 51.4941, 52.7145

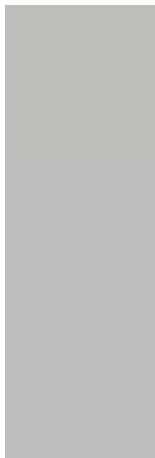
Deuteranomaly

50.7206, 51.5033, 53.7222

Tritanomaly

49.3966, 51.3279, 59.5283

Monochromacy



Original Color

48.1268, 51.4558, 53.2943

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.4768, 51.2766, 54.9193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1268, 51.4558, 53.2943 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(188, 191, 185)` looks like.

```
.text, #text, p{  
    color:rgb(188, 191, 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(188, 191, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 191, 185) }
```

Border

The CSS property to change the border of an element to XYZ 48.1268, 51.4558, 53.2943 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(188, 191, 185) }
```


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

```
.border{ border-color:rgb(188, 191, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 191, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 191, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 191, 185);  
box-shadow:4px 4px 4px 4px rgb(188, 191,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1268, 51.4558, 53.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 191, 185) }
```

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

```
.background{ background-color: rgb(188,  
191, 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