

Converting Colors

XYZ(47.7722, 51.3325, 54.3220)

Have a look what the booklet for
XYZ(47.7722, 51.3325, 54.3220)
contains.

XYZ(47.8501, 51.2886, 54.3914)	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(47.8501, 51.2886,
54.3914)**

Conversions

Conversions Part 1

Format	Color
Hex	BABFBB
RGB	186, 191, 187
RGB Percent	73%, 75%, 73%
CMY	0.2706, 0.2510, 0.2667
CMYK	0.03, 0.00, 0.02, 0.25
HSL	132°, 4%, 74%
HSV	132°, 3%, 75%
XYZ	47.8501, 51.2886, 54.3914
YIQ	189.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

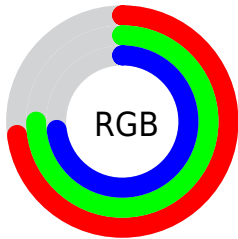
Format	Color
RYB	186, 190, 191
Decimal	12238779
CIELab	76.85, -2.47, 1.40
CIELCh	77, 2.842, 150.473
Yxy	51.2886, 0.3117, 0.3341
Android (android.graphics.Color)	4290428859 (0xFFBABFBB)
YUV	189.0490, -1.0102, -2.6740
Hunter-Lab	71.6161, -6.0638, 5.1013

Details

The XYZ color **47.8501, 51.2886, 54.3914** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3409, 49.9131, 55.8040**, and the grayscale version is **48.4053, 50.9262, 55.4586**.

A 20% lighter version of the original color is **86.0564, 91.8698, 97.9910**, and **23.0644, 24.8847, 26.1419** is the 20% darker color. If you saturate the color by 10%, you get **41.9666, 48.4361, 46.0259**, and if you desaturate by 10%, it is **54.5309, 54.5349, 63.7053**.

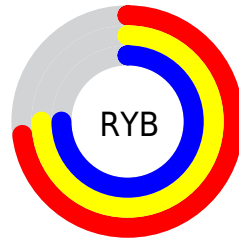
Distribution



Red (73%)

Green (75%)

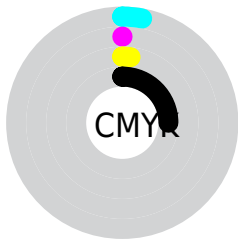
Blue (73%)



Red (73%)

Yellow (75%)

Blue (75%)

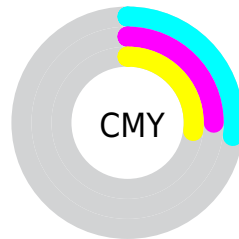


Cyan (3%)

Magenta (0%)

Yellow (2%)

Black (25%)



Cyan (27%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8501, 51.2886, 54.3914 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 47.8501, 51.2886, 54.3914 by changing the saturation by 10% instead.

■ 47.8501, 51.2886,
54.3914

■ 47.8501, 51.2886,
54.3914

368.7901,
391.6840, 420.8175

■ 33.9190, 36.4383,
38.5194

■ 86.1922, 92.0812,
98.1109

■ 22.9939, 24.7729,
26.0811

111.3339,
118.7924, 126.7954

■ 14.7097, 15.9080,
16.6580

140.9431,
150.2260, 160.5878

■ 8.7009, 9.4590,
9.8316

175.3853,
186.7664, 199.9067

■ 4.6021, 5.0418,
5.1833

215.0257,
228.7980, 245.1706

■ 2.0481, 2.2718,
2.2946

260.2298,

■ 0.6608, 0.7587,

276.7052, 296.7980

0.7282

311.3628,
330.8724, 355.2074

■ 0.0000, 0.0000,
0.0000

■ 47.8501, 51.2886,
54.3914

■ 47.8501, 51.2886,
54.3914

■ 41.9666, 48.4361,
46.0259

■ 54.5309, 54.5349,
63.7053

■ 36.8463, 45.9561,
38.5756

■ 62.0329, 58.1824,
73.9924

■ 32.4588, 43.8350,
32.0104

■ 70.3845, 62.2466,
85.2812

■ 28.7702, 42.0561,
26.2974

■ 76.8351, 65.3090,
97.4679

■ 25.7438, 40.6011,
21.4014

■ 77.9218, 65.7437,
103.1906

■ 23.3394, 39.4502,
17.2851

■ 21.5124, 38.5813,
13.9080

■ 20.2122, 37.9690,
11.2261

■ 19.3787, 37.5835,
9.1904

Harmonies

Analogous

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



48.2234, 51.2886, 53.3199



47.8501, 51.2886, 54.3914



47.7170, 51.2886, 55.8691

Triad

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



47.8501, 51.2886, 54.3914



48.7569, 51.2886, 58.8722



49.6489, 51.2886, 54.3496

Complementary

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



47.8501, 51.2886, 54.3914



48.3409, 49.9131, 55.8040

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.



49.7943, 51.2886, 55.8200



47.8501, 51.2886, 54.3914



49.2769, 51.2886, 58.4477

Square

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



47.8501, 51.2886, 54.3914



48.2382, 51.2886, 58.4730



49.6576, 51.2886, 57.3234



49.2619, 51.2886, 53.2961

Rectangle

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



47.8501, 51.2886, 54.3914



47.7817, 51.2886, 56.8915



49.6576, 51.2886, 57.3234



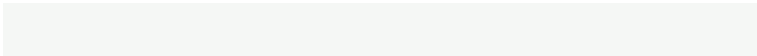
49.7278, 51.2886, 54.8106

Sweetspot

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



47.8515, 51.2908, 54.3925



87.5192, 92.7413, 99.9716



48.7519, 51.7673, 53.8775



19.2312, 20.3714, 21.9708



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.



47.8515, 51.2908, 54.3925



85.2181, 91.6243, 96.7367



48.1128, 51.3953, 55.7681



10.2092, 11.0315, 11.5637



12.4993, 24.5900, 5.4263



0.5131, 0.9726, 0.3364

Inverse Universe

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



48.3409, 49.9131, 55.8040



86.2347, 88.7621, 99.6691



48.0786, 49.8082, 54.4229



10.3593, 10.6090, 11.9965



17.9180, 8.7983, 20.6594



0.7230, 0.3531, 0.9207

Previews

White Background



This preview shows how the XYZ color 47.8501, 51.2886, 54.3914 looks on a white background.

Color Contrast Check

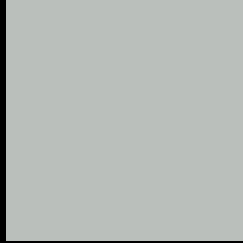
Large Text (above 18pt) WCAG AA × Fail

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 47.8501, 51.2886, 54.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

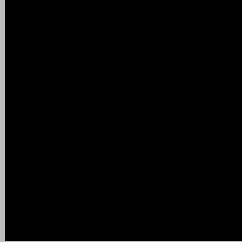
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

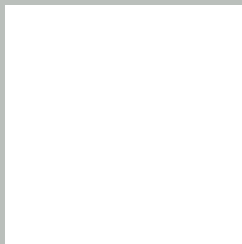
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.8501, 51.2886, 54.3914

Background



This preview shows how black text looks on a background with the XYZ color 47.8501, 51.2886, 54.3914.



This preview shows how white text looks on a background with the XYZ color 47.8501, 51.2886,

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

47.8501, 51.2886, 54.3914

Protanopia

49.3087, 51.4097, 53.7786

Deuteranopia

52.1312, 50.9510, 55.2310



Tritanopia

49.7490, 51.0971, 63.7406

Trichromacy



Original Color

47.8501, 51.2886, 54.3914

Protanomaly

48.7622, 51.4484, 53.8149

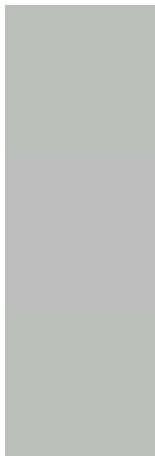
Deuteranomaly

50.4554, 51.0280, 54.7671

Tritanomaly

49.0147, 51.1178, 60.1067

Monochromacy



Original Color

47.8501, 51.2886, 54.3914

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.2296, 51.1491, 54.9077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8501, 51.2886, 54.3914 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, 191, 187)` looks like.

```
.text, #text, p{  
    color:rgb(186, 191, 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, 191, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 191, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.8501, 51.2886, 54.3914 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, 191, 187) }
```


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

```
.border{ border-color:rgb(186, 191, 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, 191, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 191, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 191, 187);  
box-shadow:4px 4px 4px 4px rgb(186, 191,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8501, 51.2886, 54.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 191, 187) }
```

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

```
.background{ background-color: rgb(186,  
191, 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](#).

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