

Converting Colors

XYZ(51.0972, 51.5317, 51.6923)

Have a look what the booklet for
XYZ(51.0972, 51.5317, 51.6923)
contains.

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Color

**XYZ(50.9042, 51.3326,
51.4812)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBAB6
RGB	204, 186, 182
RGB Percent	80%, 73%, 71%
CMY	0.2000, 0.2706, 0.2863
CMYK	0.00, 0.09, 0.11, 0.20
HSL	11°, 18%, 76%
HSV	11°, 11%, 80%
XYZ	50.9042, 51.3326, 51.4812
YIQ	190.9260, 12.0120, 2.5720

Conversions

Conversions Part 2

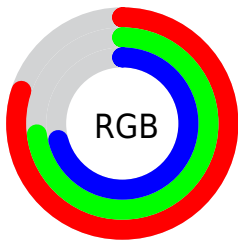
Format	Color
R _Y B	204, 187, 182
Decimal	13417142
CIE Lab	76.88, 5.70, 4.33
CIE LCh	77, 7.158, 37.211
Yxy	51.3326, 0.3312, 0.3339
Android (android.graphics.Color)	4291607222 (0xFFCCBAB6)
YUV	190.9260, -4.4005, 11.4659
Hunter-Lab	71.6468, 1.4403, 7.5504

Details

The XYZ color **50.9042, 51.3326, 51.4812** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8444, 55.6120, 65.1815**, and the grayscale version is **49.4994, 52.0772, 56.7121**.

A 20% lighter version of the original color is **88.4247, 90.9373, 93.7811**, and **24.9277, 24.8441, 24.2504** is the 20% darker color. If you saturate the color by 10%, you get **45.6354, 43.9262, 40.0702**, and if you desaturate by 10%, it is **56.8937, 59.6875, 64.6488**.

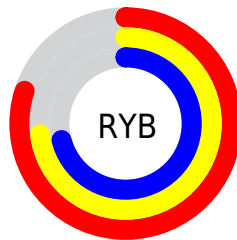
Distribution



Red (80%)

Green (73%)

Blue (71%)



Red (80%)

Yellow (73%)

Blue (71%)

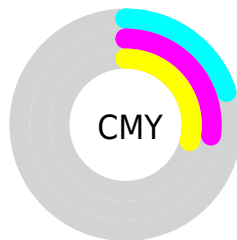


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (20%)



Cyan (20%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9042, 51.3326, 51.4812 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 50.9042, 51.3326, 51.4812 by changing the saturation by 10% instead.

■ 50.9042, 51.3326,
51.4812

■ 50.9042, 51.3326,
51.4812

380.5853,
391.8546, 409.3303

■ 36.3531, 36.4734,
36.2123

■ 90.6970, 92.1462,
93.7844

■ 24.8784, 24.8000,
24.3072

116.6694,
118.8694, 121.6559

■ 16.1147, 15.9281,
15.3474

147.1796,
150.3160, 154.5653

■ 9.6967, 9.4733,
8.9142

182.5930,
186.8705, 192.9312

■ 5.2591, 5.0512,
4.5892

223.2749,
228.9172, 237.1721

■ 2.4364, 2.2773,
1.9538

269.5906,

■ 0.8633, 0.7617,

276.8405, 287.7065

0.5267

321.9057,
331.0249, 344.9531

■ 0.0000, 0.0000,
0.0000

■ 50.9042, 51.3326,
51.4812

■ 50.9042, 51.3326,
51.4812

■ 45.6354, 43.9262,
40.0702

■ 56.8937, 59.6875,
64.6488

■ 41.0555, 37.4282,
30.3384

■ 63.6253, 69.0159,
79.6398

■ 37.1372, 31.8053,
22.2070

■ 71.1249, 79.3503,
96.5211

■ 33.8490, 27.0199,
15.5900

■ 77.9998, 90.1531,
107.8980

■ 31.1574, 23.0315,
10.3930

■ 78.7120, 91.5775,
108.1354

■ 29.0254, 19.7961,
6.5111

■ 27.4116, 17.2654,
3.8248

■ 26.2686, 15.3852,
2.1924

■ 25.5675, 14.1685,
1.3872

Harmonies

Analogous

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



51.4328, 51.3326, 54.9569



50.9042, 51.3326, 51.4812



49.8108, 51.3326, 49.2633

Triad

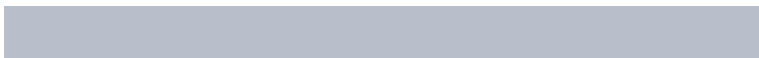
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.9042, 51.3326, 51.4812



46.4169, 51.3326, 53.0393



49.1193, 51.3326, 63.6630

Complementary

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



50.9042, 51.3326, 51.4812



50.8444, 55.6120, 65.1815

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.



47.7834, 51.3326, 63.0912



50.9042, 51.3326, 51.4812



46.2395, 51.3326, 56.8386

Square

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



50.9042, 51.3326, 51.4812



47.2245, 51.3326, 50.1332



46.7354, 51.3326, 60.5488



50.3900, 51.3326, 62.0767

Rectangle

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



50.9042, 51.3326, 51.4812



48.9175, 51.3326, 48.7355



46.7354, 51.3326, 60.5488



48.6629, 51.3326, 63.7179

Sweetspot

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



50.9056, 51.3349, 51.4823



91.8786, 95.5892, 101.8872



52.0947, 50.4797, 61.8464



19.4885, 20.2131, 21.4169



0.0000, 0.0000, 0.0000



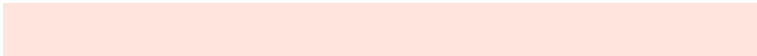
20.3446, 21.4041, 23.3091

Same Dimension

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



50.9056, 51.3349, 51.4823



82.1160, 81.9484, 80.4915



53.2365, 55.9966, 52.2592



11.3747, 11.5384, 11.7071



16.1420, 9.0169, 0.8897



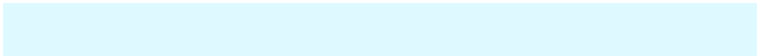
0.8841, 0.5680, 0.0630

Inverse Universe

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



50.8444, 55.6120, 65.1815



81.9937, 90.4568, 107.7461



48.4605, 50.8442, 64.3869



11.3629, 12.3663, 14.3584



15.6058, 20.2355, 39.0396



0.8515, 1.1367, 2.0295

Previews

White Background



This preview shows how the XYZ color 50.9042, 51.3326, 51.4812 looks on a white background.

Color Contrast Check

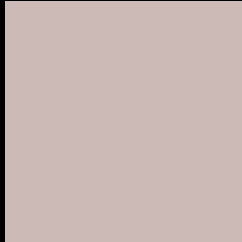
Large Text (above 18pt) WCAG AA × Fail

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 50.9042, 51.3326, 51.4812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

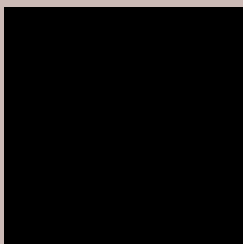
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

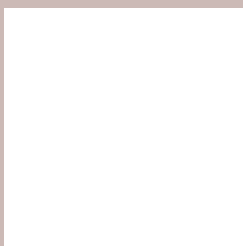
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9042, 51.3326, 51.4812

Background



This preview shows how black text looks on a background with the XYZ color 50.9042, 51.3326, 51.4812.



This preview shows how white text looks on a background with the XYZ color 50.9042, 51.3326,

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

50.9042, 51.3326, 51.4812

Protanopia

49.3550, 51.4580, 52.6785

Deuteranopia

52.2410, 51.0933, 51.3646



Tritanopia

52.7871, 51.4800, 60.5805

Trichromacy



Original Color

50.9042, 51.3326, 51.4812

Protanomaly

49.8192, 51.3911, 52.0935

Deuteranomaly

51.5964, 51.0683, 51.3937

Tritanomaly

52.0402, 51.4828, 57.0635

Monochromacy



Original Color

50.9042, 51.3326, 51.4812

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.0396, 51.7618, 54.9306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9042, 51.3326, 51.4812 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(204, 186, 182) looks like.

```
.text, #text, p{  
    color:rgb(204, 186, 182)  
}
```

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(204, 186, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 186, 182) }
```

Border

The CSS property to change the border of an element to XYZ 50.9042, 51.3326, 51.4812 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(204, 186, 182) }
```


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

```
.border{ border-color:rgb(204, 186, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 186, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 186, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 186, 182);  
box-shadow:4px 4px 4px 4px rgb(204, 186,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9042, 51.3326, 51.4812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 186, 182) }
```

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

```
.background{ background-color: rgb(204,  
186, 182) }
```

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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