

Converting Colors

XYZ(51.0521, 54.6345, 52.6545)

Have a look what the booklet for
XYZ(51.0521, 54.6345, 52.6545)
contains.

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Color

**XYZ(51.0521, 54.6345,
52.6545)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C4B7
RGB	196, 196, 183
RGB Percent	77%, 77%, 72%
CMY	0.2314, 0.2314, 0.2823
CMYK	0.00, 0.00, 0.07, 0.23
HSL	60°, 10%, 74%
HSV	60°, 7%, 77%
XYZ	51.0521, 54.6345, 52.6545
YIQ	194.5180, 4.1730, -4.0430

Conversions

Conversions Part 2

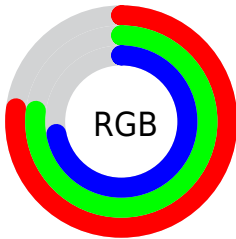
Format	Color
R_{YB}	183, 196, 183
Decimal	12895415
CIE Lab	78.83, -2.31, 6.52
CIE LCh	79, 6.915, 109.538
Yxy	54.6345, 0.3224, 0.3450
Android (android.graphics.Color)	4291085495 (0xFFC4C4B7)
YUV	194.5180, -5.6784, 1.2997
Hunter-Lab	73.9152, -6.0642, 9.5045

Details

The XYZ color **51.0521, 54.6345, 52.6545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4278, 47.9212, 59.0301**, and the grayscale version is **51.6173, 54.3055, 59.1386**.

A 20% lighter version of the original color is **91.2133, 97.3652, 95.6473**, and **24.8576, 26.7085, 24.9642** is the 20% darker color. If you saturate the color by 10%, you get **49.1516, 53.8759, 42.6475**, and if you desaturate by 10%, it is **53.2398, 55.5115, 64.1603**.

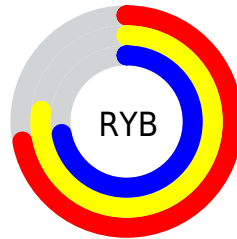
Distribution



Red (77%)

Green (77%)

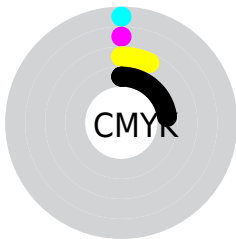
Blue (72%)



Red (72%)

Yellow (77%)

Blue (72%)

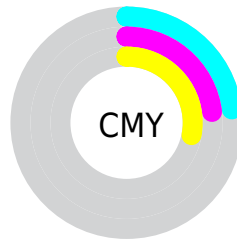


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0521, 54.6345, 52.6545 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 51.0521, 54.6345, 52.6545 by changing the saturation by 10% instead.

■ 51.0521, 54.6345,
52.6545

■ 51.0521, 54.6345,
52.6545

381.1505,
404.5250, 413.9868

■ 36.4713, 39.1092,
37.1412

■ 90.9143, 97.0052,
95.5322

■ 24.9702, 26.8447,
25.0202

116.9264,
124.6194, 123.7336

■ 16.1835, 17.4566,
15.8729

147.4797,
157.0320, 157.0015

■ 9.7457, 10.5606,
9.2809

182.9394,
194.6274, 195.7544

■ 5.2917, 5.7722,
4.8255

223.6710,
237.7900, 240.4108

■ 2.4559, 2.7071,
2.0883

270.0398,

■ 0.8731, 0.9808,

286.9042, 291.3894

0.6088

322.4112,
342.3544, 349.1085

■ 0.0000, 0.0000,
0.0000

■ 51.0521, 54.6345,
52.6545

■ 51.0521, 54.6345,
52.6545

■ 49.1516, 53.8759,
42.6475

■ 53.2398, 55.5115,
64.1603

■ 47.5220, 53.2239,
34.0742

■ 55.7212, 56.5043,
77.2191

■ 46.1524, 52.6759,
26.8701

■ 58.5082, 57.6192,
91.8872

■ 45.0294, 52.2265,
20.9643

■ 60.5623, 58.4410,
102.6960

■ 44.1383, 51.8699,
16.2797

■ 60.5638, 58.4418,
102.6961

■ 43.4629, 51.5995,
12.7307

■ 60.5653, 58.4426,
102.6962

■ 42.9848, 51.4081,
10.2212

■ 60.5668, 58.4434,
102.6962

■ 42.6828, 51.2872,
8.6387

■ 60.5683, 58.4441,
102.6963

■ 42.5288, 51.2254,
7.8354

■ 60.5698, 58.4449,
102.6964

Harmonies

Analogous

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



52.4085, 54.6345, 52.3701



51.0521, 54.6345, 52.6545



49.9491, 54.6345, 54.7229

Triad

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



51.0521, 54.6345, 52.6545



50.2369, 54.6345, 65.4168



54.5633, 54.6345, 60.8688

Complementary

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



51.0521, 54.6345, 52.6545



46.4278, 47.9212, 59.0301

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.



53.9594, 54.6345, 64.5213



51.0521, 54.6345, 52.6545



51.4514, 54.6345, 67.2226

Square

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



51.0521, 54.6345, 52.6545



49.4842, 54.6345, 62.0476



52.8148, 54.6345, 66.8879



54.4519, 54.6345, 56.9992

Rectangle

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



51.0521, 54.6345, 52.6545



49.4983, 54.6345, 56.8880



52.8148, 54.6345, 66.8879



54.4369, 54.6345, 62.1654

Sweetspot

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



51.0536, 54.6369, 52.6557



94.2391, 99.6756, 104.6327



48.2474, 49.0229, 51.7200



20.1795, 21.3381, 22.4404



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.



51.0536, 54.6369, 52.6557



91.9354, 98.7539, 92.5105



49.3997, 53.7843, 52.5783



10.9132, 11.7582, 10.7563



27.3017, 32.9034, 4.9120



1.1797, 1.4217, 0.2122

Inverse Universe

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



46.4278, 47.9212, 59.0301



81.7749, 84.0030, 106.5119



48.0094, 48.7366, 59.1042



9.5286, 9.7481, 12.6642



6.4028, 2.5612, 33.7135



0.2767, 0.1107, 1.4567

Previews

White Background



This preview shows how the XYZ color 51.0521, 54.6345, 52.6545 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 51.0521, 54.6345, 52.6545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

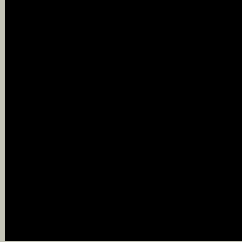
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

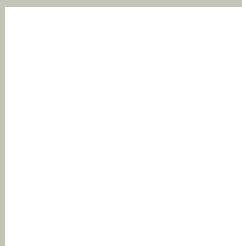
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0521, 54.6345, 52.6545

Background



This preview shows how black text looks on a background with the XYZ color 51.0521, 54.6345, 52.6545.



This preview shows how white text looks on a background with the XYZ color 51.0521, 54.6345,

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

51.0521, 54.6345, 52.6545

Protanopia

52.0924, 54.5175, 52.0333

Deuteranopia

55.6536, 54.3746, 53.4610



Tritanopia

54.0542, 54.5327, 67.3514

Trichromacy



Original Color

51.0521, 54.6345, 52.6545

Protanomaly

51.7780, 54.6870, 52.0826

Deuteranomaly

53.8609, 54.4239, 53.0135

Tritanomaly

52.9320, 54.4056, 61.7443

Monochromacy



Original Color

51.0521, 54.6345, 52.6545

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.4248, 54.3939, 57.0789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0521, 54.6345, 52.6545 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(196, 196, 183)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 183)  
}
```

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(196, 196, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 183) }
```

Border

The CSS property to change the border of an element to XYZ 51.0521, 54.6345, 52.6545 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(196, 196, 183) }
```


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

```
.border{ border-color:rgb(196, 196, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 196, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 183);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0521, 54.6345, 52.6545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 183) }
```

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

```
.background{ background-color: rgb(196,  
196, 183) }
```

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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