

Converting Colors

XYZ(54.3219, 61.9078, 51.4214)

Have a look what the booklet for
XYZ(54.3219, 61.9078, 51.4214)
contains.

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Color

**XYZ(54.3443, 62.0371,
51.2296)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D4B2
RGB	196, 212, 178
RGB Percent	77%, 83%, 70%
CMY	0.2314, 0.1686, 0.3020
CMYK	0.08, 0.00, 0.16, 0.17
HSL	88°, 28%, 76%
HSV	88°, 16%, 83%
XYZ	54.3443, 62.0371, 51.2296
YIQ	203.3400, 1.3780, -13.9660

Conversions

Conversions Part 2

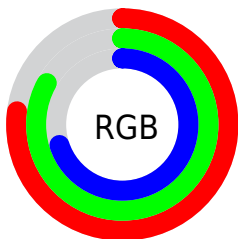
Format	Color
RYB	178, 212, 194
Decimal	12899506
CIELab	82.93, -11.44, 15.02
CIELCh	83, 18.881, 127.300
Yxy	62.0371, 0.3242, 0.3701
Android (android.graphics.Color)	4291089586 (0xFFC4D4B2)
YUV	203.3400, -12.4926, -6.4372
Hunter-Lab	78.7636, -14.6773, 16.5710

Details

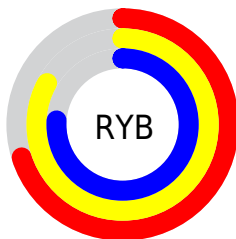
The XYZ color **54.3443, 62.0371, 51.2296** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.0547, 48.0653, 68.9301**, and the grayscale version is **57.0554, 60.0267, 65.3691**.

A 20% lighter version of the original color is **91.1193, 98.3432, 92.0215**, and **26.9140, 31.3454, 24.0338** is the 20% darker color. If you saturate the color by 10%, you get **49.8687, 59.9589, 40.7543**, and if you desaturate by 10%, it is **59.3249, 64.3413, 63.4484**.

Distribution



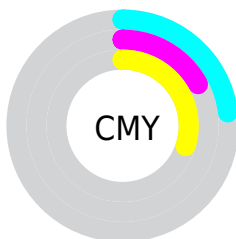
- Red (77%)
- Green (83%)
- Blue (70%)



- Red (70%)
- Yellow (83%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (16%)
- Black (17%)



- Cyan (23%)
- Magenta (17%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3443, 62.0371, 51.2296 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 54.3443, 62.0371, 51.2296 by changing the saturation by 10% instead.

■ 54.3443, 62.0371,
51.2296

■ 54.3443, 62.0371,
51.2296

393.5985,
432.0664, 408.3272

■ 39.1088, 45.0627,
36.0134

■ 95.7335, 107.7791,
93.4090

■ 27.0254, 31.5068,
24.1547

122.6179,
137.3156, 121.2093

■ 17.7290, 20.9851,
15.2352

154.1160,
171.8081, 154.0414

■ 10.8541, 13.1131,
8.8362

190.5930,
211.6412, 192.3238

■ 6.0354, 7.5065,
4.5391

232.4145,
257.1991, 236.4750

■ 2.9075, 3.7808,
1.9255

279.9456,

■ 1.1050, 1.5517,

308.8664, 286.9136

0.5089

333.5519,
367.0273, 344.0582

■ 0.0293, 0.3247,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3443, 62.0371,
51.2296

■ 54.3443, 62.0371,
51.2296

■ 49.8687, 59.9589,
40.7543

■ 59.3249, 64.3413,
63.4484

■ 45.8748, 58.0910,
31.9389

■ 64.8228, 66.8707,
77.4810

■ 42.3445, 56.4276,
24.6991

■ 70.8562, 69.6349,
93.3987

■ 39.2566, 54.9600,
18.9417

■ 76.1584, 72.1277,
104.5158

■ 36.5878, 53.6783,
14.5633

■ 79.5632, 73.8830,
104.6751

■ 34.3124, 52.5719,
11.4477

■ 82.8348, 75.5695,
104.8283

■ 32.4006, 51.6284,
9.4591

■ 30.8163, 50.8328,
8.4287

■ 30.2550, 50.5488,
8.1623

Harmonies

Analogous

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



57.9747, 62.0371, 47.6520



54.3443, 62.0371, 51.2296



52.0299, 62.0371, 59.2562

Triad

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



54.3443, 62.0371, 51.2296



55.9933, 62.0371, 90.4266



67.0794, 62.0371, 64.7374

Complementary

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



54.3443, 62.0371, 51.2296



50.0547, 48.0653, 68.9301

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.



66.4892, 62.0371, 76.5791



54.3443, 62.0371, 51.2296



59.9653, 62.0371, 92.3294

Square

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



54.3443, 62.0371, 51.2296



52.9509, 62.0371, 82.0731



63.8392, 62.0371, 87.0084



65.4168, 62.0371, 54.8462

Rectangle

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



54.3443, 62.0371, 51.2296



51.4817, 62.0371, 66.4968



63.8392, 62.0371, 87.0084



67.1391, 62.0371, 68.6099

Sweetspot

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



54.3460, 62.0398, 51.2309



90.8912, 98.0854, 98.3433



54.4518, 55.7379, 50.0090



19.3328, 20.9382, 20.7441



0.0000, 0.0000, 0.0000



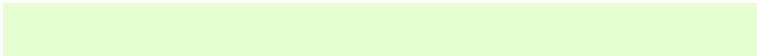
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3460, 62.0398, 51.2309



80.3099, 93.1917, 72.4985



50.2025, 59.9038, 51.0370



12.8836, 14.2162, 13.2257



18.7936, 31.2648, 5.0442



1.2288, 1.9348, 0.3087

Inverse Universe

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



50.0547, 48.0653, 68.9301



72.6801, 68.3442, 103.9688



54.6323, 50.4251, 69.1443



12.2929, 12.2924, 15.6623



10.6797, 4.6581, 38.7894



0.7393, 0.3300, 2.3440

Previews

White Background



This preview shows how the XYZ color 54.3443, 62.0371, 51.2296 looks on a white background.

Color Contrast Check

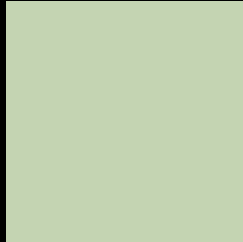
Large Text (above 18pt) WCAG AA × Fail

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 54.3443, 62.0371, 51.2296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

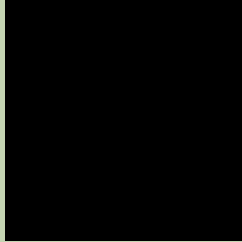
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

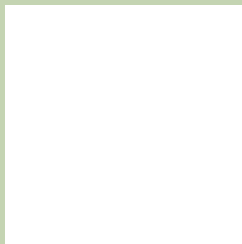
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3443, 62.0371, 51.2296

Background



This preview shows how black text looks on a background with the XYZ color 54.3443, 62.0371, 51.2296.



This preview shows how white text looks on a background with the XYZ color 54.3443, 62.0371, 51.2296.

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

54.3443, 62.0371, 51.2296

Protanopia

58.4244, 61.9895, 49.4433

Deuteranopia

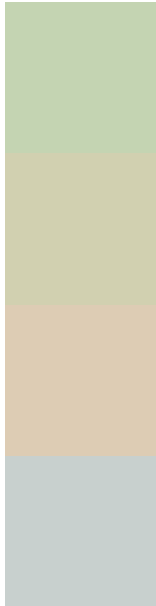
63.0249, 61.8452, 52.3316



Tritanopia

59.8847, 62.1130, 77.9400

Trichromacy



Original Color

54.3443, 62.0371, 51.2296

Protanomaly

56.6868, 61.8016, 50.0155

Deuteranomaly

59.6499, 61.8532, 51.9750

Tritanomaly

57.5159, 61.8473, 67.2988

Monochromacy



Original Color

54.3443, 62.0371, 51.2296

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.6283, 60.3170, 59.7494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3443, 62.0371, 51.2296 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, 212, 178)` looks like.

```
.text, #text, p{  
    color:rgb(196, 212, 178)  
}
```

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, 212, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 178) }
```

Border

The CSS property to change the border of an element to XYZ 54.3443, 62.0371, 51.2296 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, 212, 178) }
```


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

```
.border{ border-color:rgb(196, 212, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 212, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 212, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 212, 178);  
box-shadow:4px 4px 4px 4px rgb(196, 212,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3443, 62.0371, 51.2296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 212, 178) }
```

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

```
.background{ background-color: rgb(196,  
212, 178) }
```

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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