

Converting Colors

XYZ(53.7502, 61.9952, 56.1470)

Have a look what the booklet for
XYZ(53.7502, 61.9952, 56.1470)
contains.

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Color

**XYZ(53.7502, 61.9952,
56.1470)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD5BB
RGB	189, 213, 187
RGB Percent	74%, 84%, 73%
CMY	0.2588, 0.1647, 0.2667
CMYK	0.11, 0.00, 0.12, 0.16
HSL	115°, 24%, 78%
HSV	115°, 12%, 84%
XYZ	53.7502, 61.9952, 56.1470
YIQ	202.8600, -5.9580, -13.1740

Conversions

Conversions Part 2

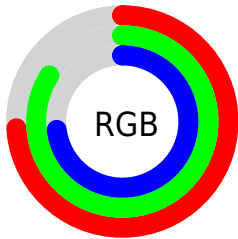
Format	Color
RYB	187, 213, 211
Decimal	12441019
CIELab	82.91, -12.86, 10.16
CIELCh	83, 16.389, 141.711
Yxy	61.9952, 0.3127, 0.3607
Android (android.graphics.Color)	4290631099 (0xFFBDD5BB)
YUV	202.8600, -7.8190, -12.1552
Hunter-Lab	78.7370, -15.9359, 12.8365

Details

The XYZ color **53.7502, 61.9952, 56.1470** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.6469, 54.1953, 70.4291**, and the grayscale version is **56.7285, 59.6828, 64.9946**.

A 20% lighter version of the original color is **89.5939, 97.4035, 98.8727**, and **26.6833, 31.4092, 27.2105** is the 20% darker color. If you saturate the color by 10%, you get **47.0860, 58.8057, 44.8017**, and if you desaturate by 10%, it is **61.4173, 65.6662, 69.3074**.

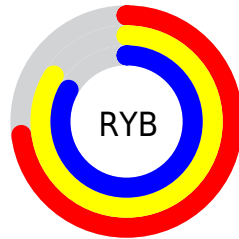
Distribution



Red (74%)

Green (84%)

Blue (73%)



Red (73%)

Yellow (84%)

Blue (83%)

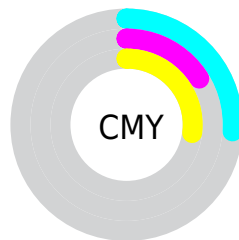


Cyan (11%)

Magenta (0%)

Yellow (12%)

Black (16%)



Cyan (26%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7502, 61.9952, 56.1470 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 53.7502, 61.9952, 56.1470 by changing the saturation by 10% instead.


 53.7502, 61.9952,
56.1470

 53.7502, 61.9952,
56.1470


391.3706,
431.9136, 427.6491

 38.6319, 45.0288,
39.9160


 94.8664, 107.7186,
100.7074

 26.6529, 31.4801,
27.1598


121.5950,
137.2444, 129.8739

 17.4479, 20.9647,
17.4598


152.9244,
171.7255, 164.1893

 10.6517, 13.0982,
10.3974

189.2199,
211.5462, 204.0722

 5.8987, 7.4962,
5.5542

230.8469,
257.0910, 249.9411

 2.8236, 3.7743,
2.5116

278.1708,

 1.0612, 1.5481,

308.7442, 302.2145

0.8463

331.5570,
366.8903, 361.3110

■ 0.0000, 0.3223,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.7502, 61.9952,
56.1470

■ 53.7502, 61.9952,
56.1470

■ 47.0860, 58.8057,
44.8017

■ 61.4173, 65.6662,
69.3074

■ 41.3785, 56.0702,
35.1881

■ 70.1211, 69.8292,
84.3532

■ 36.5850, 53.7705,
27.2223

■ 79.9001, 74.5042,
101.3562

■ 32.6581, 51.8839,
20.8117

■ 83.0855, 76.0709,
104.9118

■ 29.5458, 50.3859,
15.8547

■ 27.1906, 49.2494,
12.2377

■ 25.5274, 48.4435,
9.8302

■ 24.4800, 47.9325,
8.4756

■ 24.0157, 47.7045,
7.9421

Harmonies

Analogous

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



56.4464, 61.9952, 50.9875



53.7502, 61.9952, 56.1470



52.4527, 61.9952, 64.7351

Triad

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



53.7502, 61.9952, 56.1470



57.9503, 61.9952, 88.6501



65.4661, 61.9952, 60.5559

Complementary

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



53.7502, 61.9952, 56.1470



56.6469, 54.1953, 70.4291

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.



65.9081, 61.9952, 70.3471



53.7502, 61.9952, 56.1470



61.4743, 61.9952, 87.2458

Square

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



53.7502, 61.9952, 56.1470



54.8134, 61.9952, 83.9587



64.4208, 61.9952, 80.2937



63.2364, 61.9952, 53.3502

Rectangle

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



53.7502, 61.9952, 56.1470



52.5179, 61.9952, 71.5299



64.4208, 61.9952, 80.2937



65.8322, 61.9952, 63.6287

Sweetspot

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



53.7519, 61.9979, 56.1484



90.0713, 97.6181, 100.3211



59.6658, 64.2428, 56.2700



19.0846, 20.8013, 21.1386



0.0000, 0.0000, 0.0000



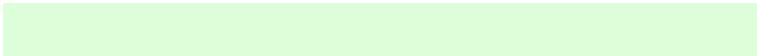
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7519, 61.9979, 56.1484



77.6738, 91.6843, 79.0783



54.4635, 62.2256, 62.4673



12.3500, 13.9411, 13.2007



14.7026, 29.1558, 4.8527



0.9184, 1.7748, 0.2942

Inverse Universe

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



56.6469, 54.1953, 70.4291



82.9645, 77.4233, 105.1792



55.8935, 53.9605, 63.4523



12.8544, 12.5819, 15.6886



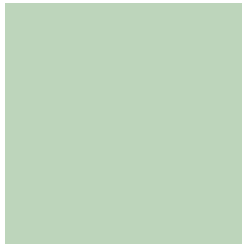
21.3801, 10.1743, 39.2901



1.3182, 0.6284, 2.3711

Previews

White Background



This preview shows how the XYZ color 53.7502, 61.9952, 56.1470 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 53.7502, 61.9952, 56.1470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

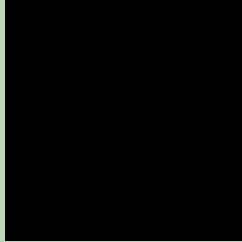
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7502, 61.9952, 56.1470

Background



This preview shows how black text looks on a background with the XYZ color 53.7502, 61.9952, 56.1470.

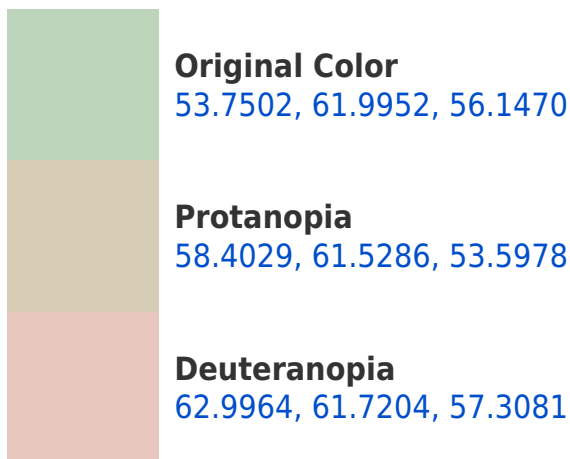


This preview shows how white text looks on a background with the XYZ color 53.7502, 61.9952,

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





Tritanopia

58.5161, 62.0957, 79.4225

Trichromacy



Original Color

53.7502, 61.9952, 56.1470

Protanomaly

56.6612, 61.6943, 54.2692

Deuteranomaly

59.0971, 61.4588, 56.8921

Tritanomaly

56.7968, 62.1338, 70.6275

Monochromacy



Original Color

53.7502, 61.9952, 56.1470

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.6796, 60.6626, 61.5978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7502, 61.9952, 56.1470 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(189, 213, 187)` looks like.

```
.text, #text, p{  
    color:rgb(189, 213, 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(189, 213, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 213, 187) }
```

Border

The CSS property to change the border of an element to XYZ 53.7502, 61.9952, 56.1470 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(189, 213, 187) }
```


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

```
.border{ border-color:rgb(189, 213, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 213, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 213, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 213, 187);  
box-shadow:4px 4px 4px 4px rgb(189, 213,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7502, 61.9952, 56.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 213, 187) }
```

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

```
.background{ background-color: rgb(189,  
213, 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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