

Converting Colors

XYZ(53.5649, 61.5296, 56.2343)

Have a look what the booklet for
XYZ(53.5649, 61.5296, 56.2343)
contains.

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Color

**XYZ(53.4994, 61.4936,
56.0634)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD4BB
RGB	189, 212, 187
RGB Percent	74%, 83%, 73%
CMY	0.2588, 0.1686, 0.2667
CMYK	0.11, 0.00, 0.12, 0.17
HSL	115°, 23%, 78%
HSV	115°, 12%, 83%
XYZ	53.4994, 61.4936, 56.0634
YIQ	202.2730, -5.6830, -12.6510

Conversions

Conversions Part 2

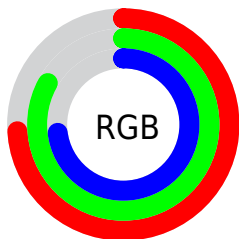
Format	Color
RYB	187, 212, 210
Decimal	12440763
CIELab	82.64, -12.35, 9.77
CIELCh	83, 15.753, 141.653
Yxy	61.4936, 0.3128, 0.3595
Android (android.graphics.Color)	4290630843 (0xFFBDD4BB)
YUV	202.2730, -7.5296, -11.6404
Hunter-Lab	78.4179, -15.4523, 12.5042

Details

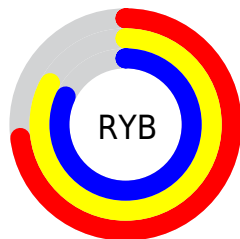
The XYZ color **53.4994, 61.4936, 56.0634** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2346, 53.9974, 69.7491**, and the grayscale version is **56.3590, 59.2940, 64.5712**.

A 20% lighter version of the original color is **89.5939, 97.4035, 98.8727**, and **26.5134, 31.0694, 27.1538** is the 20% darker color. If you saturate the color by 10%, you get **46.8783, 58.3252, 44.7680**, and if you desaturate by 10%, it is **61.1097, 65.1367, 69.1567**.

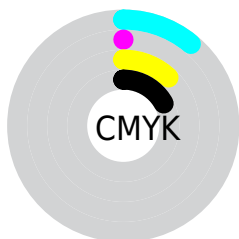
Distribution



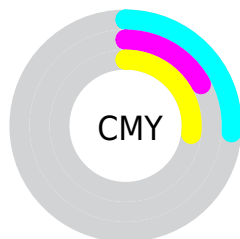
- Red (74%)
- Green (83%)
- Blue (73%)



- Red (73%)
- Yellow (83%)
- Blue (82%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (17%)





- Cyan (26%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4994, 61.4936, 56.0634 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 53.4994, 61.4936, 56.0634 by changing the saturation by 10% instead.


 53.4994, 61.4936,
56.0634

 53.4994, 61.4936,
56.0634


390.4278,
430.0815, 427.3254

 38.4307, 44.6236,
39.8494

 94.5000, 106.9933,
100.5840

 26.4958, 31.1611,
27.1083

121.1626,
136.3918, 129.7277

 17.3296, 20.7215,
17.4214


152.4206,
170.7354, 164.0184

 10.5665, 12.9206,
10.3703

188.6392,
210.4083, 203.8746

 5.8413, 7.3739,
5.5363

230.1839,
255.7949, 249.7148

 2.7885, 3.6970,
2.5011


277.4200,


 1.0430, 1.5056,


307.2798, 301.9577


0.8407


330.7128,
365.2472, 361.0217


 0.0000, 0.2926,
0.0000


 0.0000, 0.0000,
0.0000


 53.4994, 61.4936,
56.0634


 53.4994, 61.4936,
56.0634


 46.8783, 58.3252,
44.7680

 61.1097, 65.1367,
69.1567


 41.2009, 55.6046,
35.1881

 69.7422, 69.2647,
84.1174

 36.4257, 53.3139,
27.2413

 79.4346, 73.8974,
101.0160

 32.5062, 51.4309,
20.8363

 82.8347, 75.5693,
104.8282

■ 29.3914, 49.9319,
15.8732

■ 27.0254, 48.7901,
12.2402

■ 25.3446, 47.9757,
9.8092

■ 24.2750, 47.4538,
8.4269

■ 23.7751, 47.2081,
7.8590

Harmonies

Analogous

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



56.0833, 61.4936, 51.1094



53.4994, 61.4936, 56.0634



52.2528, 61.4936, 64.2913

Triad

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



53.4994, 61.4936, 56.0634



57.5098, 61.4936, 87.1032



64.6963, 61.4936, 60.3228

Complementary

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



53.4994, 61.4936, 56.0634



56.2346, 53.9974, 69.7491

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.



65.1141, 61.4936, 69.6935



53.4994, 61.4936, 56.0634



60.8779, 61.4936, 85.7802

Square

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



53.4994, 61.4936, 56.0634



54.5092, 61.4936, 82.6336



63.6923, 61.4936, 79.1755



62.5718, 61.4936, 53.3986

Rectangle

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



53.4994, 61.4936, 56.0634



52.3133, 61.4936, 70.7849



63.6923, 61.4936, 79.1755



65.0441, 61.4936, 63.2679

Sweetspot

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



53.5011, 61.4962, 56.0647



90.0823, 97.6238, 100.3216



59.1497, 63.6399, 56.1808



19.0874, 20.8027, 21.1387



0.0000, 0.0000, 0.0000



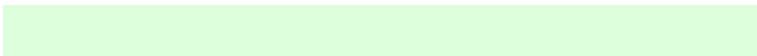
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5011, 61.4962, 56.0647



78.7576, 92.2044, 80.8714



54.1648, 61.7048, 62.1311



12.3535, 13.9429, 13.2009



14.7105, 29.1599, 4.8531



0.9201, 1.7757, 0.2943

Inverse Universe

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



56.2346, 53.9974, 69.7491



83.6571, 78.7622, 105.4012



55.5352, 53.7838, 63.0752



12.8505, 12.5798, 15.6884



21.2771, 10.1213, 39.2853



1.3130, 0.6258, 2.3709

Previews

White Background



This preview shows how the XYZ color 53.4994, 61.4936, 56.0634 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 53.4994, 61.4936, 56.0634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

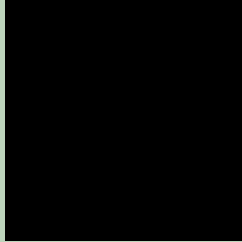
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4994, 61.4936, 56.0634

Background



This preview shows how black text looks on a background with the XYZ color 53.4994, 61.4936, 56.0634.



This preview shows how white text looks on a background with the XYZ color 53.4994, 61.4936,

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

53.4994, 61.4936, 56.0634

Protanopia

58.1101, 61.3777, 53.5841

Deuteranopia

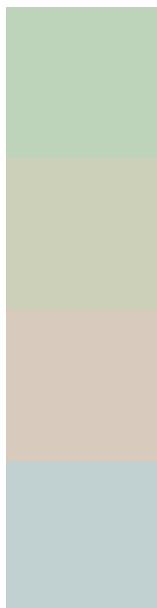
62.4433, 61.0948, 57.2166



Tritanopia

58.1378, 61.5555, 78.6292

Trichromacy



Original Color

53.4994, 61.4936, 56.0634

Protanomaly

56.3844, 61.5516, 54.2563

Deuteranomaly

58.8601, 60.9849, 56.8131

Tritanomaly

56.4256, 61.5915, 69.8872

Monochromacy



Original Color

53.4994, 61.4936, 56.0634

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.1753, 60.0441, 61.5050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4994, 61.4936, 56.0634 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, 212, 187)` looks like.

```
.text, #text, p{  
    color:rgb(189, 212, 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, 212, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 212, 187) }
```

Border

The CSS property to change the border of an element to XYZ 53.4994, 61.4936, 56.0634 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, 212, 187) }
```


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

```
.border{ border-color:rgb(189, 212, 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, 212, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 212, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 212, 187);  
box-shadow:4px 4px 4px 4px rgb(189, 212,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4994, 61.4936, 56.0634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 212, 187) }
```

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

```
.background{ background-color: rgb(189,  
212, 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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