

Converting Colors

XYZ(53.4991, 61.1235, 55.9920)

Have a look what the booklet for
XYZ(53.4991, 61.1235, 55.9920)
contains.

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Color

**XYZ(53.4991, 61.1235,
55.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BED3BB</code>
RGB	<code>190, 211, 187</code>
RGB Percent	<code>75%, 83%, 73%</code>
CMY	<code>0.2549, 0.1725, 0.2667</code>
CMYK	<code>0.10, 0.00, 0.11, 0.17</code>
HSL	<code>113°, 21%, 78%</code>
HSV	<code>113°, 11%, 83%</code>
XYZ	<code>53.4991, 61.1235, 55.9920</code>
YIQ	<code>201.9850, -4.8120, -11.9160</code>

Conversions

Conversions Part 2

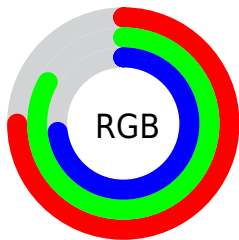
Format	Color
RYB	187, 211, 208
Decimal	12506043
CIELab	82.45, -11.50, 9.50
CIElCh	82, 14.917, 140.443
Yxy	61.1235, 0.3136, 0.3583
Android (android.graphics.Color)	4290696123 (0xFFBED3BB)
YUV	201.9850, -7.3876, -10.5108
Hunter-Lab	78.1815, -14.6713, 12.2648

Details

The XYZ color **53.4991, 61.1235, 55.9920** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5430, 53.6553, 69.0602**, and the grayscale version is **56.1778, 59.1035, 64.3637**.

A 20% lighter version of the original color is **89.9437, 97.5839, 98.8891**, and **26.5081, 30.8165, 27.1053** is the 20% darker color. If you saturate the color by 10%, you get **47.0813, 58.0589, 44.7539**, and if you desaturate by 10%, it is **60.8365, 64.6273, 69.0083**.

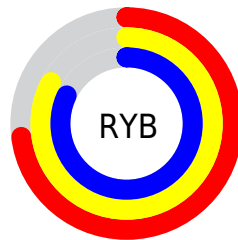
Distribution



Red (75%)

Green (83%)

Blue (73%)



Red (73%)

Yellow (83%)

Blue (82%)

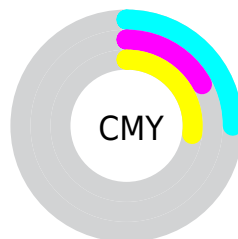


Cyan (10%)

Magenta (0%)

Yellow (11%)

Black (17%)



Cyan (25%)

Magenta (17%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4991, 61.1235, 55.9920 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 53.4991, 61.1235, 55.9920 by changing the saturation by 10% instead.

■ 53.4991, 61.1235,
55.9920

■ 53.4991, 61.1235,
55.9920

390.4266,
428.7267, 427.0488

■ 38.4304, 44.3248,
39.7926

■ 94.4996, 106.4577,
100.4786

■ 26.4956, 30.9260,
27.0643

121.1621,
135.7621, 129.6028

■ 17.3294, 20.5425,
17.3886

152.4200,
170.0038, 163.8723

■ 10.5664, 12.7900,
10.3471

188.6385,
209.5673, 203.7057

■ 5.8412, 7.2841,
5.5211

230.1831,
254.8369, 249.5215

■ 2.7885, 3.6404,
2.4921

277.4191,

■ 1.0429, 1.4745,

306.1971, 301.7383

0.8360

330.7118,
364.0322, 360.7745

■ 0.0000, 0.2707,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.4991, 61.1235,
55.9920

■ 53.4991, 61.1235,
55.9920

■ 47.0813, 58.0589,
44.7539

■ 60.8365, 64.6273,
69.0083

■ 41.5418, 55.4086,
35.2130

■ 69.1226, 68.5786,
83.8709

■ 36.8437, 53.1572,
27.2880

■ 78.3914, 72.9951,
100.6496

■ 32.9456, 51.2852,
20.8895

■ 82.5854, 75.0709,
104.7451

■ 29.8024, 49.7716,
15.9192

■ 27.3644, 48.5931,
12.2676

■ 25.5761, 47.7237,
9.8091

■ 24.3731, 47.1336,
8.3939

■ 23.7309, 46.8154,
7.7855

Harmonies

Analogous

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



55.9822, 61.1235, 51.4279



53.4991, 61.1235, 55.9920



52.2612, 61.1235, 63.6820

Triad

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



53.4991, 61.1235, 55.9920



57.0847, 61.1235, 85.3997



64.0283, 61.1235, 60.6106

Complementary

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



53.4991, 61.1235, 55.9920



55.5430, 53.6553, 69.0602

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.



64.3499, 61.1235, 69.5092



53.4991, 61.1235, 55.9920



60.2624, 61.1235, 84.3864

Square

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



53.4991, 61.1235, 55.9920



54.2808, 61.1235, 81.0192



62.9491, 61.1235, 78.3651



62.0860, 61.1235, 53.9204

Rectangle

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



53.4991, 61.1235, 55.9920



52.2765, 61.1235, 69.7845



62.9491, 61.1235, 78.3651



64.3323, 61.1235, 63.4230

Sweetspot

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



53.5008, 61.1261, 55.9933



91.4226, 98.2695, 102.4286



58.3433, 62.4539, 55.9944



19.3655, 20.9370, 21.5631



0.0000, 0.0000, 0.0000



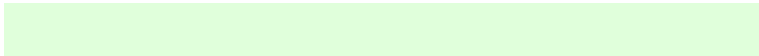
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5008, 61.1261, 55.9933



79.2523, 92.4595, 80.8945



53.7307, 61.1324, 61.0747



11.7916, 13.2760, 12.5531



14.3680, 28.2759, 4.7005



0.8499, 1.6050, 0.2650

Inverse Universe

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



55.5430, 53.6553, 69.0602



83.0775, 78.4634, 105.3740



55.3208, 53.6648, 63.4462



12.1594, 11.9310, 14.9057



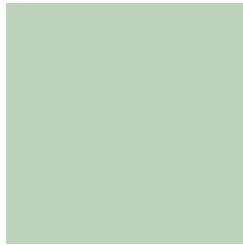
19.1766, 9.0662, 37.9317



1.1139, 0.5284, 2.1229

Previews

White Background



This preview shows how the XYZ color 53.4991, 61.1235, 55.9920 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 53.4991, 61.1235, 55.9920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

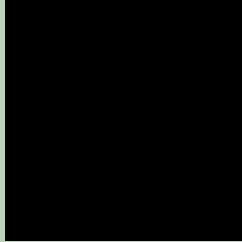
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

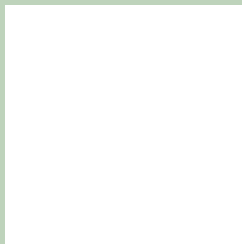
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4991, 61.1235, 55.9920

Background



This preview shows how black text looks on a background with the XYZ color 53.4991, 61.1235, 55.9920.



This preview shows how white text looks on a background with the XYZ color 53.4991, 61.1235,

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

53.4991, 61.1235, 55.9920

Protanopia

57.5807, 60.7508, 53.4910

Deuteranopia

62.1215, 60.9289, 57.2015



Tritanopia

58.0211, 61.1523, 77.8528

Trichromacy



Original Color

53.4991, 61.1235, 55.9920

Protanomaly

56.1414, 61.0655, 54.1752

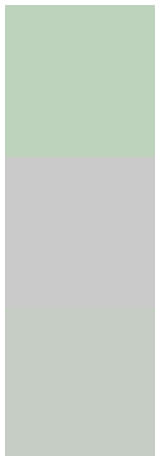
Deuteranomaly

58.5656, 60.8331, 56.7993

Tritanomaly

56.3126, 61.1845, 69.1634

Monochromacy



Original Color

53.4991, 61.1235, 55.9920

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.1981, 59.6996, 61.4373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4991, 61.1235, 55.9920 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(190, 211, 187)` looks like.

```
.text, #text, p{  
    color:rgb(190, 211, 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(190, 211, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 211, 187) }
```

Border

The CSS property to change the border of an element to XYZ 53.4991, 61.1235, 55.9920 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(190, 211, 187) }
```


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

```
.border{ border-color:rgb(190, 211, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 211, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 211, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 211, 187);  
box-shadow:4px 4px 4px 4px rgb(190, 211,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4991, 61.1235, 55.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 211, 187) }
```

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

```
.background{ background-color: rgb(190,  
211, 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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