

Converting Colors

XYZ(53.2990, 62.0657, 62.8981)

Have a look what the booklet for
XYZ(53.2990, 62.0657, 62.8981)
contains.

XYZ(53.2957, 61.9941, 62.5832)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.2957, 61.9941,
62.5832)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D6C6
RGB	181, 214, 198
RGB Percent	71%, 84%, 78%
CMY	0.2902, 0.1608, 0.2235
CMYK	0.15, 0.00, 0.07, 0.16
HSL	151°, 29%, 77%
HSV	151°, 15%, 84%
XYZ	53.2957, 61.9941, 62.5832
YIQ	202.3090, -14.5320, -11.9720

Conversions

Conversions Part 2

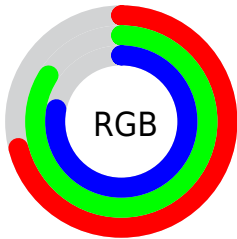
Format	Color
RYB	181, 203, 214
Decimal	11916998
CIELab	82.91, -14.03, 4.25
CIElCh	83, 14.658, 163.161
Yxy	61.9941, 0.2996, 0.3485
Android (android.graphics.Color)	4290107078 (0xFFB5D6C6)
YUV	202.3090, -2.1243, -18.6880
Hunter-Lab	78.7363, -16.9640, 7.9891

Details

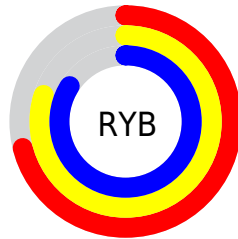
The XYZ color **53.2957, 61.9941, 62.5832** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.3357, 51.3767, 59.8790**, and the grayscale version is **56.3527, 59.2875, 64.5641**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **26.3343, 31.3991, 31.0582** is the 20% darker color. If you saturate the color by 10%, you get **47.5020, 59.1427, 56.2772**, and if you desaturate by 10%, it is **59.9457, 65.2809, 69.3601**.

Distribution



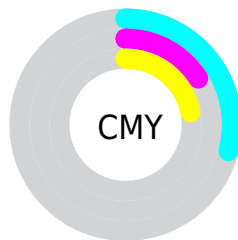
- Red (71%)
- Green (84%)
- Blue (78%)



- Red (71%)
- Yellow (80%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)





- Cyan (29%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2957, 61.9941, 62.5832 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 53.2957, 61.9941, 62.5832 by changing the saturation by 10% instead.


 53.2957, 61.9941,
62.5832

 53.2957, 61.9941,
62.5832


389.6609,
431.9096, 452.1215

 38.2673, 45.0279,
45.0653

 94.2023, 107.7170,
110.1477

 26.3684, 31.4794,
31.1655


120.8112,
137.2425, 141.0314

 17.2335, 20.9642,
20.4654


152.0111,
171.7233, 177.2074

 10.4975, 13.0978,
12.5464

188.1671,
211.5437, 219.0943

 5.7948, 7.4959,
6.9899

229.6448,
257.0881, 267.1107

 2.7602, 3.7742,
3.3774

276.8094,

 1.0282, 1.5480,

308.7410, 321.6749

1.2904

330.0263,
366.8867, 383.2057

■ 0.0000, 0.3222,
0.0539

■ 0.0000, 0.0000,
0.0000

■ 53.2957, 61.9941,
62.5832

■ 53.2957, 61.9941,
62.5832

■ 47.5020, 59.1427,
56.2772

■ 59.9457, 65.2809,
69.3601

■ 42.5228, 56.7001,
50.4276

■ 67.4811, 69.0128,
76.6135

■ 38.3202, 54.6488,
45.0252

■ 75.9362, 73.2090,
84.3544

■ 34.8513, 52.9669,
40.0589

■ 80.9431, 75.6176,
92.3861

■ 32.0691, 51.6302,
35.5172

■ 82.5253, 76.2504,
100.7175

■ 29.9204, 50.6117,
31.3878

■ 83.3377, 76.5754,
104.9959

■ 28.3437, 49.8798,
27.6577

■ 27.2641, 49.3961,
24.3128

■ 26.8750, 49.2263,
22.9041

Harmonies

Analogous

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



54.8631, 61.9941, 55.5837



53.2957, 61.9941, 62.5832



53.2013, 61.9941, 71.5423

Triad

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



53.2957, 61.9941, 62.5832



60.3182, 61.9941, 85.9083



63.4690, 61.9941, 56.2807

Complementary

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



53.2957, 61.9941, 62.5832



54.3357, 51.3767, 59.8790

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.



65.0420, 61.9941, 63.6149



53.2957, 61.9941, 62.5832



63.1796, 61.9941, 81.0105

Square

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



53.2957, 61.9941, 62.5832



57.1804, 61.9941, 85.5692



64.9342, 61.9941, 72.6700



60.7018, 61.9941, 52.1741

Rectangle

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



53.2957, 61.9941, 62.5832



53.9806, 61.9941, 77.4768



64.9342, 61.9941, 72.6700



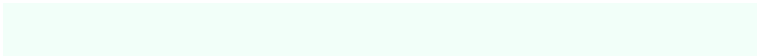
64.1593, 61.9941, 58.4206

Sweetspot

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



53.2974, 61.9967, 62.5846



89.5343, 97.2697, 103.5294



55.5463, 63.3701, 53.0211



19.0039, 20.7405, 22.0011



0.0000, 0.0000, 0.0000



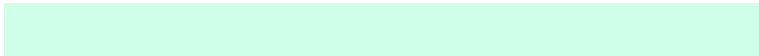
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2974, 61.9967, 62.5846



75.8621, 90.5189, 89.4507



55.2424, 62.7747, 72.8265



12.5268, 14.0017, 14.5885



16.2963, 29.7739, 14.1218



1.0247, 1.8125, 1.0717

Inverse Universe

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



54.3357, 51.3767, 59.8790



77.7329, 71.3835, 84.5761



52.5978, 50.6816, 50.7274



12.6716, 12.5201, 14.2110



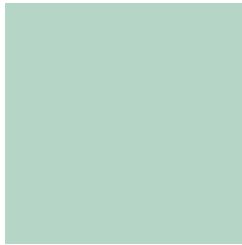
18.3173, 9.2632, 8.9747



1.1465, 0.5754, 0.7611

Previews

White Background



This preview shows how the XYZ color 53.2957, 61.9941, 62.5832 looks on a white background.

Color Contrast Check

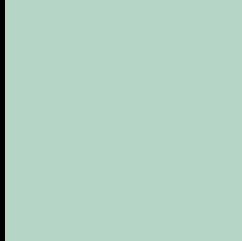
Large Text (above 18pt) WCAG AA × Fail

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 53.2957, 61.9941, 62.5832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

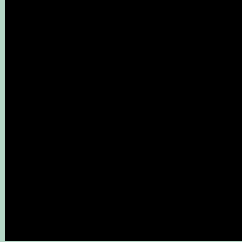
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2957, 61.9941, 62.5832

Background



This preview shows how black text looks on a background with the XYZ color 53.2957, 61.9941, 62.5832.



This preview shows how white text looks on a background with the XYZ color 53.2957, 61.9941,

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

53.2957, 61.9941, 62.5832

Protanopia

58.8975, 61.6590, 59.2492

Deuteranopia

62.9609, 61.5579, 63.8218



Tritanopia

57.0238, 62.0233, 80.9177

Trichromacy



Original Color

53.2957, 61.9941, 62.5832

Protanomaly

56.4936, 61.4694, 60.5170

Deuteranomaly

58.8822, 61.2047, 63.3539

Tritanomaly

55.4561, 61.7367, 73.9593

Monochromacy



Original Color

53.2957, 61.9941, 62.5832

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.8621, 59.8290, 63.9150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2957, 61.9941, 62.5832 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(181, 214, 198)` looks like.

```
.text, #text, p{  
    color:rgb(181, 214, 198)  
}
```

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(181, 214, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 214, 198) }
```

Border

The CSS property to change the border of an element to XYZ 53.2957, 61.9941, 62.5832 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(181, 214, 198) }
```


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

```
.border{ border-color:rgb(181, 214, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 214, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 214, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 214, 198);  
box-shadow:4px 4px 4px 4px rgb(181, 214,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2957, 61.9941, 62.5832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 214, 198) }
```

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

```
.background{ background-color: rgb(181,  
214, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor