

Converting Colors

XYZ(53.6411, 61.8586, 60.3777)

Have a look what the booklet for
XYZ(53.6411, 61.8586, 60.3777)
contains.

XYZ(53.5394, 61.7978, 60.1453)	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(53.5394, 61.7978,
60.1453)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D5C2
RGB	185, 213, 194
RGB Percent	73%, 84%, 76%
CMY	0.2745, 0.1647, 0.2392
CMYK	0.13, 0.00, 0.09, 0.16
HSL	139°, 25%, 78%
HSV	139°, 13%, 84%
XYZ	53.5394, 61.7978, 60.1453
YIQ	202.4620, -10.5890, -11.8450

Conversions

Conversions Part 2

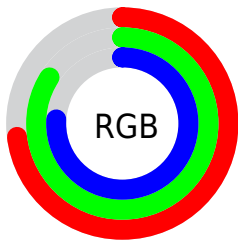
Format	Color
R _{YB}	185, 206, 213
Decimal	12178882
CIE Lab	82.81, -12.95, 6.25
CIE LCh	83, 14.383, 154.226
Yxy	61.7978, 0.3051, 0.3522
Android (android.graphics.Color)	4290368962 (0xFFB9D5C2)
YUV	202.4620, -4.1718, -15.3142
Hunter-Lab	78.6116, -16.0006, 9.6656

Details

The XYZ color **53.5394, 61.7978, 60.1453** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.6908, 53.2051, 64.4639**, and the grayscale version is **56.4590, 59.3993, 64.6858**.

A 20% lighter version of the original color is **89.2909, 97.1229, 104.4829**, and **26.4762, 31.2527, 29.4479** is the 20% darker color. If you saturate the color by 10%, you get **47.2357, 58.7284, 51.7847**, and if you desaturate by 10%, it is **60.7743, 65.3324, 69.3764**.

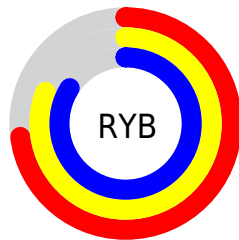
Distribution



Red (73%)

Green (84%)

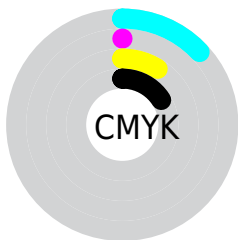
Blue (76%)



Red (73%)

Yellow (81%)

Blue (84%)

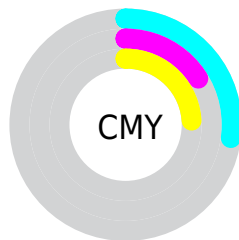


Cyan (13%)

Magenta (0%)

Yellow (9%)

Black (16%)



Cyan (27%)


Magenta (16%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5394, 61.7978, 60.1453 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 53.5394, 61.7978, 60.1453 by changing the saturation by 10% instead.


 53.5394, 61.7978,
60.1453

 53.5394, 61.7978,
60.1453


390.5782,
431.1931, 442.9526

 38.4627, 44.8693,
43.1097


 94.5585, 107.4332,
106.5858

 26.5209, 31.3545,
29.6392


121.2316,
136.9090, 136.8279

 17.3484, 20.8690,
19.3151


152.5010,
171.3360, 172.3091

 10.5801, 13.0282,
11.7191

188.7319,
211.0986, 213.4481

 5.8504, 7.4480,
6.4325

230.2897,
256.5812, 260.6635

 2.7941, 3.7438,
3.0368

277.5398,

 1.0459, 1.5313,

308.1683, 314.3736

1.1135

330.8475,
366.2441, 374.9972

■ 0.0000, 0.3106,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.5394, 61.7978,
60.1453

■ 53.5394, 61.7978,
60.1453

■ 47.2357, 58.7284,
51.7847

■ 60.7743, 65.3324,
69.3764

■ 41.8196, 56.0971,
44.2653

■ 68.9715, 69.3427,
79.4981

■ 37.2512, 53.8857,
37.5620

■ 78.1671, 73.8485,
90.5350

■ 33.4858, 52.0716,
31.6470

■ 82.5775, 75.8677,
102.2371

■ 30.4745, 50.6302,
26.4910

■ 83.0854, 76.0709,
104.9118

■ 28.1624, 49.5339,
22.0626

■ 26.4873, 48.7512,
18.3282

■ 25.3742, 48.2444,
15.2515

■ 24.8529, 48.0138,
13.5005

Harmonies

Analogous

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



55.4530, 61.7978, 54.1565



53.5394, 61.7978, 60.1453



52.9999, 61.7978, 68.5510

Triad

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



53.5394, 61.7978, 60.1453



59.1765, 61.7978, 85.7552



63.7960, 61.7978, 58.1494

Complementary

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



53.5394, 61.7978, 60.1453



55.6908, 53.2051, 64.4639

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.



64.8738, 61.7978, 66.0393



53.5394, 61.7978, 60.1453



62.1481, 61.7978, 82.3855

Square

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



53.5394, 61.7978, 60.1453



56.1872, 61.7978, 83.8311



64.2605, 61.7978, 74.9734



61.3628, 61.7978, 53.0772

Rectangle

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



53.5394, 61.7978, 60.1453



53.4755, 61.7978, 74.5256



64.2605, 61.7978, 74.9734



64.3326, 61.7978, 60.5335

Sweetspot

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



53.5411, 61.8004, 60.1467



90.3019, 97.6787, 102.9651



57.4919, 63.9504, 55.2132



19.1429, 20.8166, 21.8051



0.0000, 0.0000, 0.0000



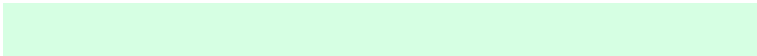
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5411, 61.8004, 60.1467



77.4584, 91.4096, 86.4612



55.1726, 62.4530, 68.7379



12.4253, 13.9611, 14.0539



15.2221, 29.3442, 8.4650



0.9555, 1.7848, 0.7072

Inverse Universe

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



55.6908, 53.2051, 64.4639



81.3472, 75.8584, 94.2700



54.1002, 52.5689, 56.0882



12.7753, 12.5616, 14.7571



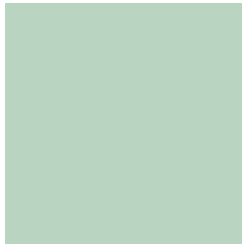
19.9107, 9.9006, 17.3658



1.2380, 0.6120, 1.2425

Previews

White Background



This preview shows how the XYZ color 53.5394, 61.7978, 60.1453 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 53.5394, 61.7978, 60.1453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

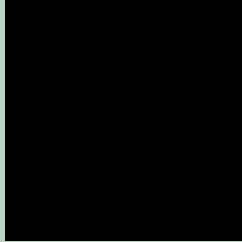
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

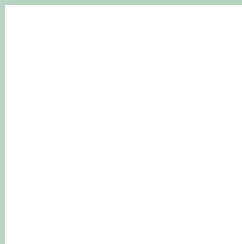
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5394, 61.7978, 60.1453

Background



This preview shows how black text looks on a background with the XYZ color 53.5394, 61.7978, 60.1453.



This preview shows how white text looks on a background with the XYZ color 53.5394, 61.7978,

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

53.5394, 61.7978, 60.1453

Protanopia

58.5662, 61.5265, 57.5042

Deuteranopia

62.8146, 61.5361, 61.3903



Tritanopia

57.3817, 61.4951, 80.0796

Trichromacy



Original Color

53.5394, 61.7978, 60.1453

Protanomaly

56.5884, 61.5698, 58.1919

Deuteranomaly

58.9972, 61.3174, 60.9505

Tritanomaly

55.9232, 61.6396, 72.5685

Monochromacy



Original Color

53.5394, 61.7978, 60.1453

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.1451, 60.0019, 62.7079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5394, 61.7978, 60.1453 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(185, 213, 194)` looks like.

```
.text, #text, p{  
    color:rgb(185, 213, 194)  
}
```

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(185, 213, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 213, 194) }
```

Border

The CSS property to change the border of an element to XYZ 53.5394, 61.7978, 60.1453 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(185, 213, 194) }
```


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

```
.border{ border-color:rgb(185, 213, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 213, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 213, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 213, 194);  
box-shadow:4px 4px 4px 4px rgb(185, 213,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5394, 61.7978, 60.1453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 213, 194) }
```

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

```
.background{ background-color: rgb(185,  
213, 194) }
```

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