

Converting Colors

XYZ(54.9606, 66.6312, 60.9895)

Have a look what the booklet for
XYZ(54.9606, 66.6312, 60.9895)
contains.

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Color

**XYZ(54.9837, 66.7901,
61.0328)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E0C2
RGB	179, 224, 194
RGB Percent	70%, 88%, 76%
CMY	0.2980, 0.1215, 0.2392
CMYK	0.20, 0.00, 0.13, 0.12
HSL	140°, 42%, 79%
HSV	140°, 20%, 88%
XYZ	54.9837, 66.7901, 61.0328
YIQ	207.1250, -17.1900, -18.8700

Conversions

Conversions Part 2

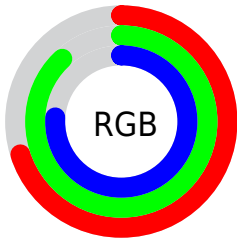
Format	Color
RYB	179, 213, 224
Decimal	11788482
CIELab	85.40, -20.44, 9.92
CIELCh	85, 22.724, 154.117
Yxy	66.7901, 0.3008, 0.3654
Android (android.graphics.Color)	4289978562 (0xFFB3E0C2)
YUV	207.1250, -6.4706, -24.6656
Hunter-Lab	81.7252, -22.9265, 12.9296

Details

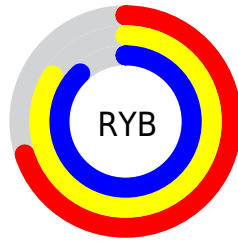
The XYZ color **54.9837, 66.7901, 61.0328** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58.3716, 52.6926, 67.4187**, and the grayscale version is **59.4386, 62.5340, 68.0995**.

A 20% lighter version of the original color is **87.4335, 96.1472, 105.2168**, and **27.5258, 34.7050, 30.0589** is the 20% darker color. If you saturate the color by 10%, you get **48.6274, 63.6993, 52.4160**, and if you desaturate by 10%, it is **62.3533, 70.3875, 70.5798**.

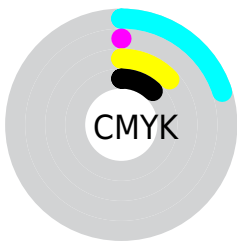
Distribution



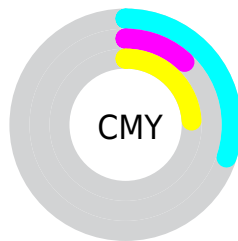
- Red (70%)
- Green (88%)
- Blue (76%)



- Red (70%)
- Yellow (84%)
- Blue (88%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (30%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9837, 66.7901, 61.0328 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 54.9837, 66.7901, 61.0328 by changing the saturation by 10% instead.

■ 54.9837, 66.7901,
61.0328

■ 54.9837, 66.7901,
61.0328

395.9876,
449.1973, 446.3041

■ 39.6225, 48.9141,
43.8209

■ 96.6655, 114.6196,
107.8844

■ 27.4272, 34.5513,
30.1936

123.7168,
145.3418, 138.3612

■ 18.0326, 23.3175,
19.7323

155.3956,
181.1150, 174.0968

■ 11.0732, 14.8281,
12.0184

192.0670,
222.3233, 215.5096

■ 6.1837, 8.6988,
6.6335

234.0966,
269.3513, 263.0181

■ 2.9989, 4.5453,
3.1590


281.8496,


■ 1.1532, 1.9830,


322.5834, 317.0411

1.1764


335.6915,
382.4039, 377.9969


 0.0689, 0.5976,
0.0000


 0.0000, 0.0000,
0.0000


 54.9837, 66.7901,
61.0328


 54.9837, 66.7901,
61.0328

 48.6274, 63.6993,
52.4160


 62.3533, 70.3875,
70.5798


 43.2334, 61.0839,
44.6970

 70.7732, 74.5044,
81.0792

 38.7544, 58.9218,
37.8479

 80.2853, 79.1639,
92.5583

 35.1369, 57.1862,
31.8376

 85.7444, 81.7129,
104.7992

■ 32.3213, 55.8470,
26.6334

■ 85.9469, 81.7939,
105.8656

■ 30.2405, 54.8703,
22.2000

■ 28.8149, 54.2158,
18.4995

■ 27.9155, 53.8173,
15.5130

Harmonies

Analogous

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



58.0886, 66.7901, 51.6814



54.9837, 66.7901, 61.0328



54.1090, 66.7901, 74.7779

Triad

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



54.9837, 66.7901, 61.0328



64.1955, 66.7901, 104.8334



72.0376, 66.7901, 57.9490

Complementary

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



54.9837, 66.7901, 61.0328



58.3716, 52.6926, 67.4187

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.



73.8793, 66.7901, 70.7062



54.9837, 66.7901, 61.0328



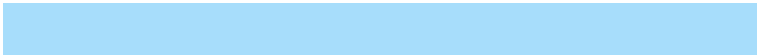
69.1992, 66.7901, 98.8177

Square

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



54.9837, 66.7901, 61.0328



59.2568, 66.7901, 101.3362



72.8137, 66.7901, 85.8182



67.9034, 66.7901, 50.0771

Rectangle

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



54.9837, 66.7901, 61.0328



54.8665, 66.7901, 84.9363



72.8137, 66.7901, 85.8182



72.9552, 66.7901, 61.7406

Sweetspot

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



54.9855, 66.7929, 61.0343



88.0443, 96.5731, 100.2260



61.3021, 70.2341, 52.9743



18.6887, 20.5942, 21.2565



0.0000, 0.0000, 0.0000



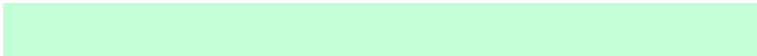
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9855, 66.7929, 61.0343



70.1198, 87.8281, 77.0084



57.6106, 67.8429, 74.8579



13.7163, 15.4122, 15.5411



16.2958, 31.3432, 9.2807



1.1701, 2.1888, 0.8569

Inverse Universe

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



58.3716, 52.6926, 67.4187



75.4251, 65.7297, 87.0073



55.8590, 51.6876, 54.1880



14.0906, 13.8539, 16.2475



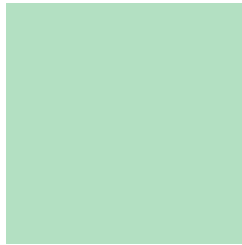
21.1219, 10.5158, 17.8398



1.5051, 0.7453, 1.4526

Previews

White Background



This preview shows how the XYZ color 54.9837, 66.7901, 61.0328 looks on a white background.

Color Contrast Check

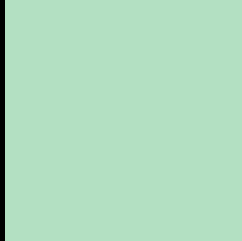
Large Text (above 18pt) WCAG AA × Fail

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 54.9837, 66.7901, 61.0328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

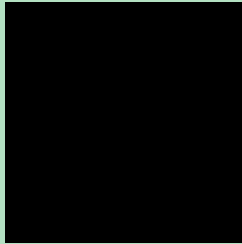
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

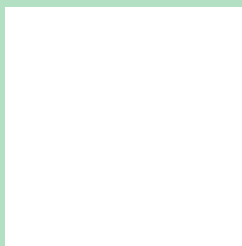
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9837, 66.7901, 61.0328

Background



This preview shows how black text looks on a background with the XYZ color 54.9837, 66.7901, 61.0328.

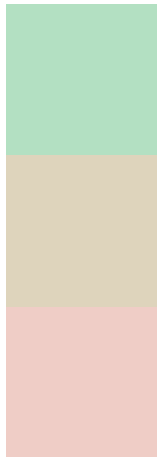


This preview shows how white text looks on a background with the XYZ color 54.9837, 66.7901,

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

54.9837, 66.7901, 61.0328

Protanopia

62.7448, 66.2474, 57.0570

Deuteranopia

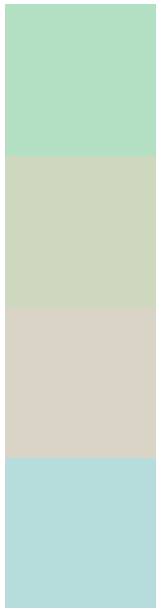
67.6210, 66.0906, 62.6188



Tritanopia

60.3165, 66.5801, 88.2695

Trichromacy



Original Color

54.9837, 66.7901, 61.0328

Protanomaly

59.3037, 65.9513, 58.3194

Deuteranomaly

62.2368, 65.8699, 62.2573

Tritanomaly

58.0399, 66.4210, 77.4716

Monochromacy



Original Color

54.9837, 66.7901, 61.0328

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.4809, 63.7231, 65.1473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9837, 66.7901, 61.0328 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(179, 224, 194)` looks like.

```
.text, #text, p{  
    color:rgb(179, 224, 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(179, 224, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 224, 194) }
```

Border

The CSS property to change the border of an element to XYZ 54.9837, 66.7901, 61.0328 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(179, 224, 194) }
```


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

```
.border{ border-color:rgb(179, 224, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 224, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 224, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 224, 194); box-shadow:4px 4px 4px 4px rgb(179, 224, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9837, 66.7901, 61.0328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 224, 194) }
```

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

```
.background{ background-color: rgb(179,  
224, 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](#).

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