

Converting Colors

XYZ(53.8195, 67.0506, 59.7180)

Have a look what the booklet for
XYZ(53.8195, 67.0506, 59.7180)
contains.

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Color

**XYZ(53.9444, 67.0827,
59.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	ADE2C0
RGB	173, 226, 192
RGB Percent	68%, 89%, 75%
CMY	0.3216, 0.1137, 0.2471
CMYK	0.23, 0.00, 0.15, 0.11
HSL	142°, 48%, 78%
HSV	142°, 23%, 89%
XYZ	53.9444, 67.0827, 59.9743
YIQ	206.2770, -20.6740, -21.8100

Conversions

Conversions Part 2

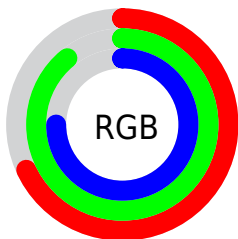
Format	Color
RYB	173, 212, 226
Decimal	11395776
CIELab	85.55, -23.72, 11.13
CIELCh	86, 26.206, 154.859
Yxy	67.0827, 0.2980, 0.3706
Android (android.graphics.Color)	4289585856 (0xFFADEF2C0)
YUV	206.2770, -7.0386, -29.1839
Hunter-Lab	81.9040, -25.7667, 13.9177

Details

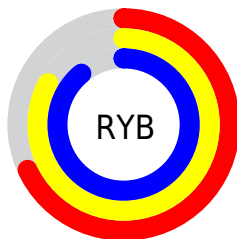
The XYZ color **53.9444, 67.0827, 59.9743** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57.5724, 50.5626, 65.7596**, and the grayscale version is **58.8983, 61.9656, 67.4806**.

A 20% lighter version of the original color is **85.0164, 94.9553, 102.6543**, and **26.7807, 34.6066, 29.6943** is the 20% darker color. If you saturate the color by 10%, you get **47.8353, 64.1118, 51.7120**, and if you desaturate by 10%, it is **61.0608, 70.5583, 69.1128**.

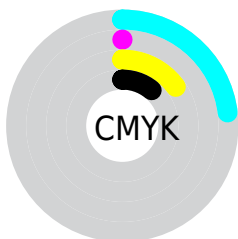
Distribution



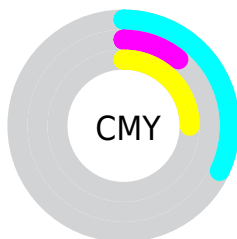
- Red (68%)
- Green (89%)
- Blue (75%)



- Red (68%)
- Yellow (83%)
- Blue (89%)



- Cyan (23%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)





- Cyan (32%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9444, 67.0827, 59.9743 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 53.9444, 67.0827, 59.9743 by changing the saturation by 10% instead.


 53.9444, 67.0827,
59.9743

 53.9444, 67.0827,
59.9743

392.0998,
450.2391, 442.3050

 38.7877, 49.1518,
42.9728


 95.1500, 115.0389,
106.3354

 26.7746, 34.7399,
29.5325


121.9296,
145.8330, 136.5320

 17.5397, 23.4626,
19.2350


153.3142,
181.6837, 171.9641

 10.7177, 14.9355,
11.6617

189.6691,
222.9753, 213.0502

 5.9432, 8.7741,
6.3940

231.3598,
270.0923, 260.2087

 2.8509, 4.5941,
3.0135

278.7516,

 1.0754, 2.0112,

323.4190, 313.8584

1.1015

332.2098,
383.3398, 374.4176

0.0044, 0.6139,
0.0000

0.0000, 0.0000,
0.0000

53.9444, 67.0827,
59.9743

53.9444, 67.0827,
59.9743

47.8353, 64.1118,
51.7120

61.0608, 70.5583,
69.1128

42.6810, 61.6135,
44.2954

69.2228, 74.5523,
79.1479

38.4323, 59.5648,
37.6987

78.4736, 79.0884,
90.1048

35.0332, 57.9375,
31.8933

85.6925, 82.5572,
101.8588

■ 32.4214, 56.7000,
26.8485

■ 86.4876, 82.8752,
106.0459

■ 30.5252, 55.8160,
22.5318

■ 29.2586, 55.2420,
18.9078

■ 28.6834, 54.9895,
16.8901

Harmonies

Analogous

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



57.4358, 67.0827, 49.2983



53.9444, 67.0827, 59.9743



53.0160, 67.0827, 75.8550

Triad

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



53.9444, 67.0827, 59.9743



64.7350, 67.0827, 110.8392



73.6268, 67.0827, 55.8533

Complementary

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



53.9444, 67.0827, 59.9743



57.5724, 50.5626, 65.7596

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.



75.8657, 67.0827, 70.2987



53.9444, 67.0827, 59.9743



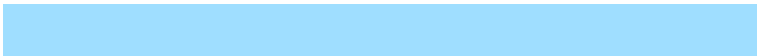
70.5323, 67.0827, 103.3962

Square

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



53.9444, 67.0827, 59.9743



59.0172, 67.0827, 106.9383



74.6996, 67.0827, 87.8813



68.7505, 67.0827, 47.1915

Rectangle

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



53.9444, 67.0827, 59.9743



53.9230, 67.0827, 87.7155



74.6996, 67.0827, 87.8813



74.7262, 67.0827, 60.1030

Sweetspot

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



53.9462, 67.0855, 59.9758



86.9958, 96.0546, 99.1844



60.5997, 70.7432, 49.9970



18.4791, 20.4904, 21.0562



0.0000, 0.0000, 0.0000



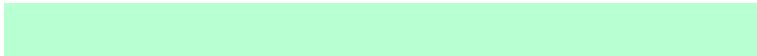
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9462, 67.0855, 59.9758



66.9643, 86.2741, 73.5714



57.0936, 68.3444, 76.5495



13.7308, 15.4180, 15.6174



16.4148, 31.3908, 9.9072



1.1795, 2.1925, 0.9066

Inverse Universe

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



57.5724, 50.5626, 65.7596



72.4970, 61.0548, 82.3894



54.6450, 49.3916, 50.3438



14.0756, 13.8479, 16.1681



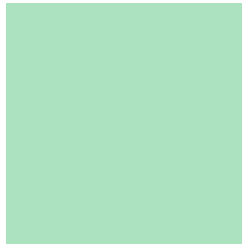
20.8669, 10.4138, 16.4967



1.4887, 0.7387, 1.3661

Previews

White Background



This preview shows how the XYZ color 53.9444, 67.0827, 59.9743 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 53.9444, 67.0827, 59.9743 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

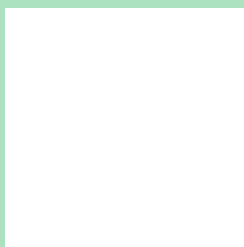
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9444, 67.0827, 59.9743

Background



This preview shows how black text looks on a background with the XYZ color 53.9444, 67.0827, 59.9743.



This preview shows how white text looks on a background with the XYZ color 53.9444, 67.0827,

59.9743.

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
53.9444, 67.0827, 59.9743
Protanopia
62.9826, 66.7793, 55.4691
Deuteranopia
67.9703, 66.6534, 61.5075



Tritanopia

59.9353, 67.1246, 89.9182

Trichromacy



Original Color

53.9444, 67.0827, 59.9743

Protanomaly

59.3253, 66.7528, 57.3347

Deuteranomaly

61.9635, 66.1276, 61.1278

Tritanomaly

57.5325, 66.9280, 78.2927

Monochromacy



Original Color

53.9444, 67.0827, 59.9743

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

56.5850, 63.2749, 64.4893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9444, 67.0827, 59.9743 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(173, 226, 192)` looks like.

```
.text, #text, p{  
    color:rgb(173, 226, 192)  
}
```

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(173, 226, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 226, 192) }
```

Border

The CSS property to change the border of an element to XYZ 53.9444, 67.0827, 59.9743 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(173, 226, 192) }
```


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

```
.border{ border-color:rgb(173, 226, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 226, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 226, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 226, 192);  
box-shadow:4px 4px 4px 4px rgb(173, 226,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9444, 67.0827, 59.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 226, 192) }
```

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

```
.background{ background-color: rgb(173,  
226, 192) }
```

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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