

Converting Colors

XYZ(43.3429, 61.7519, 35.2264)

Have a look what the booklet for
XYZ(43.3429, 61.7519, 35.2264)
contains.

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Color

**XYZ(43.3093, 61.7327,
35.2242)**

Conversions

Conversions Part 1

Format	Color
Hex	90E18E
RGB	144, 225, 142
RGB Percent	56%, 88%, 56%
CMY	0.4353, 0.1176, 0.4431
CMYK	0.36, 0.00, 0.37, 0.12
HSL	119°, 58%, 72%
HSV	119°, 37%, 88%
XYZ	43.3093, 61.7327, 35.2242
YIQ	191.3190, -21.6330, -42.9850

Conversions

Conversions Part 2

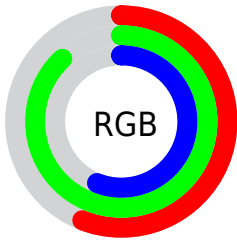
Format	Color
RYB	142, 225, 223
Decimal	9494926
CIELab	82.77, -40.98, 33.00
CIELCh	83, 52.617, 141.159
Yxy	61.7327, 0.3088, 0.4401
Android (android.graphics.Color)	4287685006 (0xFF90E18E)
YUV	191.3190, -24.3143, -41.4988
Hunter-Lab	78.5702, -39.1053, 28.4185

Details

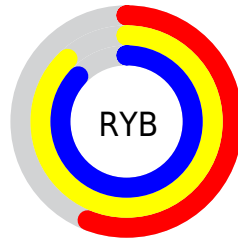
The XYZ color **43.3093, 61.7327, 35.2242** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **53.6979, 40.4722, 76.2191**, and the grayscale version is **49.8536, 52.4498, 57.1179**.

A 20% lighter version of the original color is **69.5432, 87.7849, 65.5034**, and **20.1961, 31.2551, 14.8659** is the 20% darker color. If you saturate the color by 10%, you get **38.3185, 59.3375, 27.0450**, and if you desaturate by 10%, it is **49.3902, 64.6540, 45.2369**.

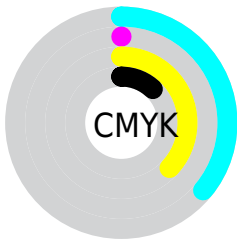
Distribution



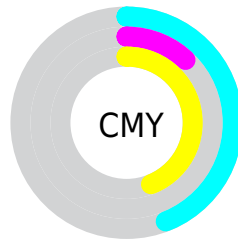
- Red (56%)
- Green (88%)
- Blue (56%)



- Red (56%)
- Yellow (88%)
- Blue (87%)



- Cyan (36%)
- Magenta (0%)
- Yellow (37%)
- Black (12%)





- Cyan (44%)
- Magenta (12%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3093, 61.7327, 35.2242 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 43.3093, 61.7327, 35.2242 by changing the saturation by 10% instead.


 43.3093, 61.7327,
35.2242


 43.3093, 61.7327,
35.2242


350.7822,
430.9554, 340.4911

 30.3234, 44.8167,
23.5507


 79.4302, 107.3391,
68.9885

 20.2335, 31.3131,
14.7916


 103.2960,
136.7984, 91.9163

 12.6741, 20.8374,
8.5282


131.5191,
171.2075, 119.4326

 7.2800, 13.0052,
4.3422

164.4649,
210.9509, 151.9560

 3.6857, 7.4321,
1.8149

202.4987,
256.4131, 189.9051

 1.5259, 3.7338,
0.4377

245.9860,

 0.3434, 1.5258,

307.9782, 233.6982

0.0000

295.2920,
366.0309, 283.7540

■ 0.0000, 0.3068,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.3093, 61.7327,
35.2242

■ 43.3093, 61.7327,
35.2242

■ 38.3185, 59.3375,
27.0450

■ 49.3902, 64.6540,
45.2369

■ 34.3489, 57.4300,
20.5844

■ 56.6154, 68.1219,
57.1805

■ 31.3315, 55.9790,
15.7211

■ 65.0409, 72.1649,
71.1504

■ 29.1865, 54.9463,
12.3163

■ 74.7180, 76.8076,
87.2345

■ 27.8210, 54.2877,
10.2074

■ 85.6947, 82.0731,
105.5154

■ 27.1199, 53.9482,
9.1847

■ 86.2164, 82.3329,
105.9555

■ 26.9942, 53.8878,
8.9787

Harmonies

Analogous

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



51.1677, 61.7327, 24.2467



43.3093, 61.7327, 35.2242



39.6970, 61.7327, 58.0880

Triad

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



43.3093, 61.7327, 35.2242



55.3946, 61.7327, 149.4887



81.3915, 61.7327, 47.1423

Complementary

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



43.3093, 61.7327, 35.2242



53.6979, 40.4722, 76.2191

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.



82.9034, 61.7327, 77.2543



43.3093, 61.7327, 35.2242



66.8831, 61.7327, 143.6706

Square

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



43.3093, 61.7327, 35.2242



46.0615, 61.7327, 128.3597



77.3031, 61.7327, 114.3523



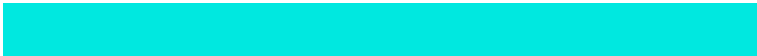
73.4038, 61.7327, 29.4301

Rectangle

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



43.3093, 61.7327, 35.2242



39.8149, 61.7327, 80.0094



77.3031, 61.7327, 114.3523



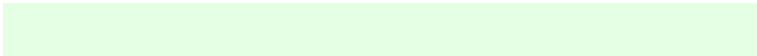
82.7112, 61.7327, 55.8654

Sweetspot

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



43.3109, 61.7353, 35.2256



81.4944, 93.4961, 86.3882



62.1199, 70.3303, 35.8932



17.1156, 19.8548, 17.9476



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.



43.3109, 61.7353, 35.2256



52.4684, 79.5625, 38.4990



46.3957, 62.9293, 53.2758



13.5591, 15.3529, 14.5555



15.5686, 31.0584, 5.1743



1.0901, 2.1584, 0.3592

Inverse Universe

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



53.6979, 40.4722, 76.2191



68.0956, 47.5562, 100.1980



49.6178, 38.9117, 51.5007



14.2607, 13.9179, 17.3225



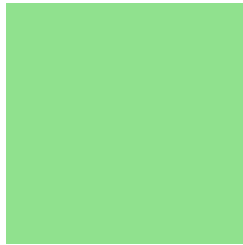
24.7820, 11.8709, 42.0335



1.7282, 0.8282, 2.9140

Previews

White Background



This preview shows how the XYZ color 43.3093, 61.7327, 35.2242 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 43.3093, 61.7327, 35.2242 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 43.3093, 61.7327, 35.2242

Background



This preview shows how black text looks on a background with the XYZ color 43.3093, 61.7327, 35.2242.



This preview shows how white text looks on a background with the XYZ color 43.3093, 61.7327,

35.2242.

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

43.3093, 61.7327, 35.2242

Protanopia

56.5658, 61.0718, 31.3610

Deuteranopia

62.0474, 60.6727, 36.4577



Tritanopia

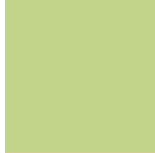
53.1683, 61.4397, 84.6581

Trichromacy



Original Color

43.3093, 61.7327, 35.2242



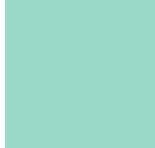
Protanomaly

50.3070, 60.3624, 32.6666



Deuteranomaly

53.2333, 59.9664, 35.9631



Tritanomaly

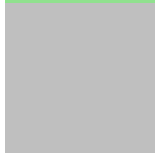
48.8978, 61.2349, 63.2752

Monochromacy



Original Color

43.3093, 61.7327, 35.2242



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

46.3543, 54.7277, 47.6555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3093, 61.7327, 35.2242 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(144, 225, 142)` looks like.

```
.text, #text, p{  
    color:rgb(144, 225, 142)  
}
```

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(144, 225, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 225, 142) }
```

Border

The CSS property to change the border of an element to XYZ 43.3093, 61.7327, 35.2242 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(144, 225, 142) }
```


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

```
.border{ border-color:rgb(144, 225, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 225, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 225, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 225, 142);  
box-shadow:4px 4px 4px 4px rgb(144, 225,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3093, 61.7327, 35.2242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 225, 142) }
```

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

```
.background{ background-color: rgb(144,  
225, 142) }
```

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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