

Converting Colors

XYZ(44.3376, 59.6576, 53.6315)

Have a look what the booklet for
XYZ(44.3376, 59.6576, 53.6315)
contains.

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Color

**XYZ(44.2562, 59.4437,
53.3972)**

Conversions

Conversions Part 1

Format	Color
Hex	8ADBB6
RGB	138, 219, 182
RGB Percent	54%, 86%, 71%
CMY	0.4588, 0.1412, 0.2863
CMYK	0.37, 0.00, 0.17, 0.14
HSL	153°, 53%, 70%
HSV	153°, 37%, 86%
XYZ	44.2562, 59.4437, 53.3972
YIQ	190.5630, -36.3990, -28.6790

Conversions

Conversions Part 2

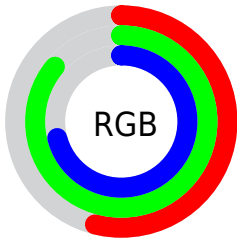
Format	Color
RYB	138, 190, 219
Decimal	9100214
CIELab	81.53, -32.87, 10.45
CIELCh	82, 34.490, 162.371
Yxy	59.4437, 0.2817, 0.3784
Android (android.graphics.Color)	4287290294 (0xFF8ADBB6)
YUV	190.5630, -4.2216, -46.0978
Hunter-Lab	77.0997, -32.4633, 12.9072

Details

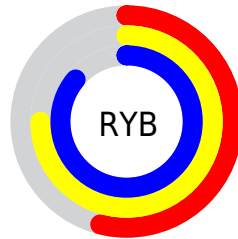
The XYZ color **44.2562, 59.4437, 53.3972** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.0417, 36.3335, 45.1460**, and the grayscale version is **49.3083, 51.8762, 56.4931**.

A 20% lighter version of the original color is **73.4408, 89.1624, 94.2282**, and **20.8941, 30.0207, 25.4622** is the 20% darker color. If you saturate the color by 10%, you get **39.9947, 57.3636, 47.9928**, and if you desaturate by 10%, it is **49.3254, 61.9348, 59.2276**.

Distribution



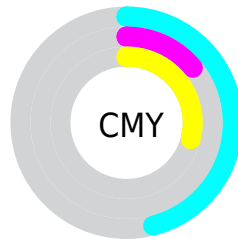
- Red (54%)
- Green (86%)
- Blue (71%)



- Red (54%)
- Yellow (75%)
- Blue (86%)



- Cyan (37%)
- Magenta (0%)
- Yellow (17%)
- Black (14%)



- Cyan (46%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2562, 59.4437, 53.3972 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 44.2562, 59.4437, 53.3972 by changing the saturation by 10% instead.

■ 44.2562, 59.4437,
53.3972

■ 44.2562, 59.4437,
53.3972

354.5873,
422.5442, 416.9166

■ 31.0707, 42.9704,
37.7301

■ 80.8471, 104.0223,
96.6360

■ 20.8048, 29.8619,
25.4730

■ 104.9832,
132.8963, 125.0448

■ 13.0931, 19.7338,
16.2076

■ 133.5003,
166.6727, 158.5379

■ 7.5701, 12.2017,
9.5152

166.7637,
205.7359, 197.5338

■ 3.8706, 6.8812,
4.9774

205.1387,
250.4703, 242.4511

■ 1.6292, 3.3879,
2.1755

248.9908,

■ 0.4113, 1.3374,

301.2602, 293.7083

0.6602

298.6852,
358.4900, 351.7240

■ 0.0000, 0.1699,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.2562, 59.4437,
53.3972

■ 44.2562, 59.4437,
53.3972

■ 39.9947, 57.3636,
47.9928

■ 49.3254, 61.9348,
59.2276

■ 36.4903, 55.6639,
43.0003

■ 55.2393, 64.8511,
65.4896

■ 33.6942, 54.3212,
38.4102

■ 62.0386, 68.2149,
72.1940

■ 31.5492, 53.3061,
34.2115

■ 69.7598, 72.0449,
79.3498

■ 29.9888, 52.5846,
30.3921

■ 78.4371, 76.3586,
86.9657

■ 28.9266, 52.1124,
26.9387

■ 82.6037, 78.3377,
94.7929

■ 28.6601, 51.9962,
25.9664

■ 84.1483, 78.9555,
102.9265

■ 84.6226, 79.1452,
105.4242

Harmonies

Analogous

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



47.6367, 59.4437, 39.5354



44.2562, 59.4437, 53.3972



43.9763, 59.4437, 73.6368

Triad

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



44.2562, 59.4437, 53.3972



59.5313, 59.4437, 111.9366



67.4079, 59.4437, 41.4241

Complementary

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



44.2562, 59.4437, 53.3972



46.0417, 36.3335, 45.1460

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.



71.1994, 59.4437, 56.5613



44.2562, 59.4437, 53.3972



66.3985, 59.4437, 98.8289

Square

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



44.2562, 59.4437, 53.3972



52.3920, 59.4437, 110.5800



70.8150, 59.4437, 77.5492



60.8161, 59.4437, 33.7055

Rectangle

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



44.2562, 59.4437, 53.3972



45.5500, 59.4437, 88.4732



70.8150, 59.4437, 77.5492



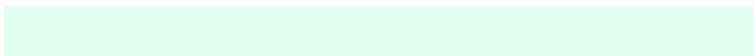
69.0764, 59.4437, 45.6577

Sweetspot

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



44.2578, 59.4461, 53.3985



83.4778, 94.2648, 97.9466



47.7802, 61.7074, 33.4379



17.5860, 20.0372, 20.6872



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.



44.2578, 59.4461, 53.3985



57.9218, 81.6893, 69.6821



47.9021, 59.7858, 76.0358



13.1809, 14.7240, 15.4154



17.0493, 30.8523, 15.6909



1.1478, 2.0161, 1.2445

Inverse Universe

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



46.0417, 36.3335, 45.1460



60.7761, 44.7424, 56.5035



43.2832, 35.8577, 28.6854



13.3022, 13.1500, 14.8524



18.7411, 9.4975, 8.2828



1.2573, 0.6325, 0.7637

Previews

White Background



This preview shows how the XYZ color 44.2562, 59.4437, 53.3972 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 44.2562, 59.4437, 53.3972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

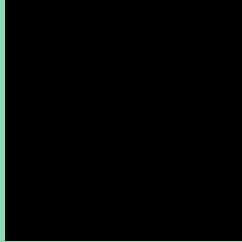
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2562, 59.4437, 53.3972

Background



This preview shows how black text looks on a background with the XYZ color 44.2562, 59.4437, 53.3972.

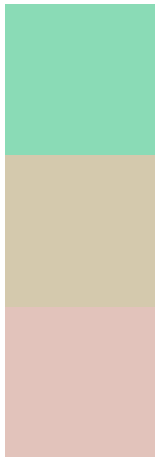


This preview shows how white text looks on a background with the XYZ color 44.2562, 59.4437,

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

44.2562, 59.4437, 53.3972

Protanopia

55.5808, 58.7875, 47.9529

Deuteranopia

59.8488, 58.7868, 55.2063



Tritanopia

50.0808, 59.1337, 82.9031

Trichromacy



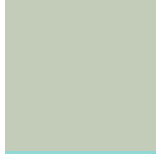
Original Color

44.2562, 59.4437, 53.3972



Protanomaly

50.3999, 58.5606, 49.7213



Deuteranomaly

52.5980, 58.1578, 54.3523



Tritanomaly

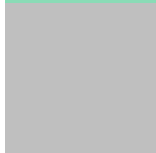
47.8612, 59.3741, 71.2251

Monochromacy



Original Color

44.2562, 59.4437, 53.3972



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

46.9770, 54.1748, 55.5578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2562, 59.4437, 53.3972 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(138, 219, 182)` looks like.

```
.text, #text, p{  
    color:rgb(138, 219, 182)  
}
```

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(138, 219, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 219, 182) }
```

Border

The CSS property to change the border of an element to XYZ 44.2562, 59.4437, 53.3972 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(138, 219, 182) }
```


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

```
.border{ border-color:rgb(138, 219, 182) }
```

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

Here you see how a box with a 4 pixel rgb(138, 219, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 219, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 219, 182);  
box-shadow:4px 4px 4px 4px rgb(138, 219,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2562, 59.4437, 53.3972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 219, 182) }
```

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

```
.background{ background-color: rgb(138,  
219, 182) }
```

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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