

Converting Colors

XYZ(44.3247, 56.2032, 39.4780)

Have a look what the booklet for
XYZ(44.3247, 56.2032, 39.4780)
contains.

XYZ(44.4800, 56.4591, 39.5637)	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(44.4800, 56.4591,
39.5637)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D29B
RGB	165, 210, 155
RGB Percent	65%, 82%, 61%
CMY	0.3529, 0.1765, 0.3921
CMYK	0.21, 0.00, 0.26, 0.18
HSL	109°, 38%, 72%
HSV	109°, 26%, 82%
XYZ	44.4800, 56.4591, 39.5637
YIQ	190.2750, -9.1650, -26.6450

Conversions

Conversions Part 2

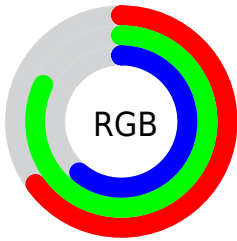
Format	Color
RYB	155, 210, 200
Decimal	10867355
CIELab	79.87, -25.06, 22.58
CIElCh	80, 33.735, 137.976
Yxy	56.4591, 0.3166, 0.4018
Android (android.graphics.Color)	4289057435 (0xFFA5D29B)
YUV	190.2750, -17.3906, -22.1662
Hunter-Lab	75.1393, -25.8275, 21.3790

Details

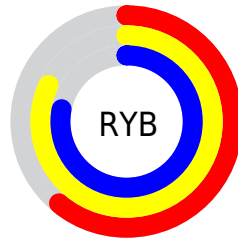
The XYZ color **44.4800, 56.4591, 39.5637** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.1761, 40.3769, 66.2829**, and the grayscale version is **49.2042, 51.7667, 56.3739**.

A 20% lighter version of the original color is **77.2117, 91.5453, 74.5733**, and **20.8516, 27.8667, 17.1118** is the 20% darker color. If you saturate the color by 10%, you get **39.5307, 54.0957, 30.9128**, and if you desaturate by 10%, it is **50.2192, 59.1976, 49.8550**.

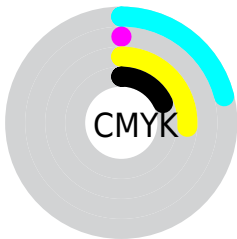
Distribution



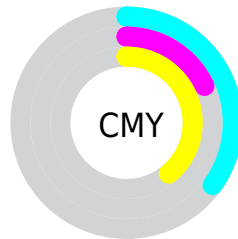
- Red (65%)
- Green (82%)
- Blue (61%)



- Red (61%)
- Yellow (82%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (26%)
- Black (18%)





- Cyan (35%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4800, 56.4591, 39.5637 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 44.4800, 56.4591, 39.5637 by changing the saturation by 10% instead.

 44.4800, 56.4591,
39.5637


 44.4800, 56.4591,
39.5637


355.4827,
411.4194, 359.7785

 31.2476, 40.5711,
26.8873


 81.1814, 99.6755,
75.7285

 20.9402, 27.9841,
17.2569


 105.3811,
127.7727, 100.0540

 13.1925, 18.3137,
10.2540


133.9673,
160.7085, 129.0996

 7.6392, 11.1754,
5.4599

167.3053,
198.8672, 163.2839

 3.9148, 6.1850,
2.4561

205.7605,
242.6333, 203.0254

 1.6540, 2.9579,
0.8168

249.6982,

 0.4272, 1.1098,

292.3911, 248.7426

0.0000

299.4838,
348.5250, 300.8541

■ 0.0000, 0.0000,
0.0000

■ 44.4800, 56.4591,
39.5637

■ 44.4800, 56.4591,
39.5637

■ 39.5307, 54.0957,
30.9128

■ 50.2192, 59.1976,
49.8550

■ 35.3320, 52.0840,
23.8141

■ 56.7767, 62.3191,
61.8614

■ 31.8479, 50.4090,
18.1767

■ 64.1846, 65.8404,
75.6575

■ 29.0373, 49.0518,
13.8988

■ 72.4721, 69.7749,
91.3125

■ 26.8551, 47.9917,
10.8655

■ 80.8508, 73.8090,
104.5930

■ 25.2500, 47.2052,
8.9430

■ 82.3377, 74.5755,
104.6626

■ 24.1615, 46.6646,
7.9634

■ 23.8536, 46.5109,
7.7203

Harmonies

Analogous

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



49.7081, 56.4591, 32.1738



44.4800, 56.4591, 39.5637



41.8079, 56.4591, 53.9623

Triad

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



44.4800, 56.4591, 39.5637



50.9712, 56.4591, 106.1232



67.1590, 56.4591, 50.5748

Complementary

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



44.4800, 56.4591, 39.5637



47.1761, 40.3769, 66.2829

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.



67.5700, 56.4591, 69.6531



44.4800, 56.4591, 39.5637



57.8216, 56.4591, 104.6742

Square

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



44.4800, 56.4591, 39.5637



45.3369, 56.4591, 93.8873



64.0294, 56.4591, 90.2698



62.9500, 56.4591, 37.5392

Rectangle

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



44.4800, 56.4591, 39.5637



41.6716, 56.4591, 66.8463



64.0294, 56.4591, 90.2698



67.7581, 56.4591, 56.3983

Sweetspot

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



44.4815, 56.4615, 39.5649



86.0612, 95.7256, 92.2356



53.1322, 57.3408, 39.2787



18.0795, 20.3269, 19.1149



0.0000, 0.0000, 0.0000



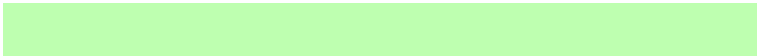
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4815, 56.4615, 39.5649



64.9068, 85.6410, 54.1578



44.0524, 56.0590, 47.7399



11.8539, 13.3081, 12.5560



14.6110, 28.4012, 4.7119



0.8789, 1.6199, 0.2664

Inverse Universe

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



47.1761, 40.3769, 66.2829



69.7150, 56.8868, 101.9136



47.8810, 40.9775, 55.5968



12.0913, 11.8959, 14.9025



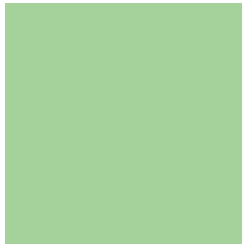
17.5285, 8.2166, 37.8546



1.0363, 0.4884, 2.1192

Previews

White Background



This preview shows how the XYZ color 44.4800, 56.4591, 39.5637 looks on a white background.

Color Contrast Check

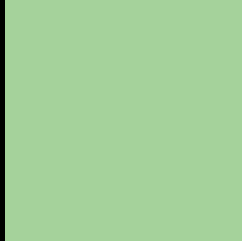
Large Text (above 18pt) WCAG AA × Fail

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 44.4800, 56.4591, 39.5637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

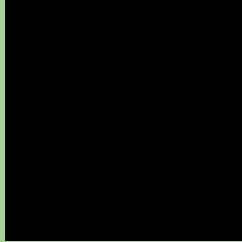
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4800, 56.4591, 39.5637

Background



This preview shows how black text looks on a background with the XYZ color 44.4800, 56.4591, 39.5637.



This preview shows how white text looks on a background with the XYZ color 44.4800, 56.4591,

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

44.4800, 56.4591, 39.5637

Protanopia

52.2550, 55.9513, 36.4793

Deuteranopia

57.3046, 56.1531, 40.6192



Tritanopia

51.4546, 56.4170, 74.5073

Trichromacy



Original Color

44.4800, 56.4591, 39.5637

Protanomaly

48.9546, 55.9448, 37.4964

Deuteranomaly

51.5914, 55.5229, 40.3456

Tritanomaly

48.4762, 56.2607, 59.9342

Monochromacy



Original Color

44.4800, 56.4591, 39.5637

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

46.9581, 52.9306, 49.3366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4800, 56.4591, 39.5637 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(165, 210, 155)` looks like.

```
.text, #text, p{  
    color:rgb(165, 210, 155)  
}
```

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(165, 210, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 210, 155) }
```

Border

The CSS property to change the border of an element to XYZ 44.4800, 56.4591, 39.5637 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(165, 210, 155) }
```


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

```
.border{ border-color:rgb(165, 210, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 210, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 210, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 210, 155);  
box-shadow:4px 4px 4px 4px rgb(165, 210,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4800, 56.4591, 39.5637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 210, 155) }
```

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

```
.background{ background-color: rgb(165,  
210, 155) }
```

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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