

Converting Colors

XYZ(44.2072, 45.9459, 55.2544)

Have a look what the booklet for
XYZ(44.2072, 45.9459, 55.2544)
contains.

XYZ(44.2059, 45.9439, 55.2534)	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(44.2059, 45.9439,
55.2534)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B4BE
RGB	179, 180, 190
RGB Percent	70%, 71%, 75%
CMY	0.2980, 0.2941, 0.2549
CMYK	0.06, 0.05, 0.00, 0.25
HSL	235°, 8%, 72%
HSV	235°, 6%, 75%
XYZ	44.2059, 45.9439, 55.2534
YIQ	180.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

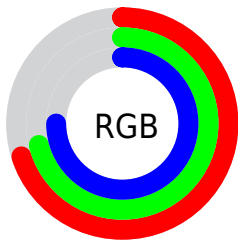
Format	Color
R_{YB}	179, 180, 190
Decimal	11777214
CIE Lab	73.51, 1.58, -5.20
CIE LCh	74, 5.433, 286.871
Yxy	45.9439, 0.3040, 0.3160
Android (android.graphics.Color)	4289967294 (0xFFB3B4BE)
YUV	180.8410, 4.5154, -1.6146
Hunter-Lab	67.7819, -2.2046, -0.8837

Details

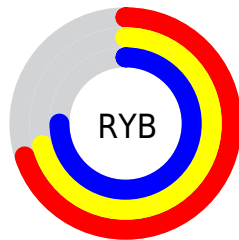
The XYZ color **44.2059, 45.9439, 55.2534** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5696, 50.5966, 49.9075**, and the grayscale version is **43.8140, 46.0958, 50.1983**.

A 20% lighter version of the original color is **80.8910, 84.3069, 99.1982**, and **20.7089, 21.4205, 26.7100** is the 20% darker color. If you saturate the color by 10%, you get **36.8423, 37.2923, 53.9723**, and if you desaturate by 10%, it is **52.6116, 55.7799, 56.7096**.

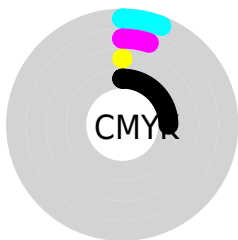
Distribution



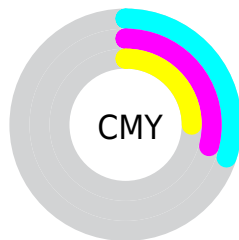
- Red (70%)
- Green (71%)
- Blue (75%)



- Red (70%)
- Yellow (71%)
- Blue (75%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (30%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2059, 45.9439, 55.2534 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 44.2059, 45.9439, 55.2534 by changing the saturation by 10% instead.

■ 44.2059, 45.9439,
55.2534

■ 44.2059, 45.9439,
55.2534

354.3859,
370.5831, 424.1808

■ 31.0310, 32.2016,
39.2047

■ 80.7719, 84.1350,
99.3870

■ 20.7744, 21.5155,
26.6099

104.8938,
109.3526, 128.3089

■ 13.0707, 13.5013,
17.0506

133.3953,
139.1641, 162.3590

■ 7.5546, 7.7747,
10.1083

166.6419,
173.9538, 201.9558

■ 3.8607, 3.9511,
5.3643

204.9989,
214.1061, 247.5179

■ 1.6236, 1.6462,
2.4001

248.8316,

■ 0.4077, 0.3885,

260.0055, 299.4637

0.7865

298.5055,
312.0364, 358.2118

■ 0.0000, 0.0000,
0.0000

■ 44.2059, 45.9439,
55.2534

■ 44.2059, 45.9439,
55.2534

■ 36.8423, 37.2923,
53.9723

■ 52.6116, 55.7799,
56.7096

■ 30.4762, 29.7749,
52.8568

■ 62.0936, 66.8366,
58.3440

■ 25.0659, 23.3461,
51.9011

■ 72.6896, 79.1560,
60.1634

■ 20.5651, 17.9556,
51.0978

■ 84.4335, 92.7759,
62.1734

■ 16.9236, 13.5486,
50.4391

■ 86.2944, 96.4978,
62.7937

■ 14.0863, 10.0654,
49.9163

■ 11.9918, 7.4398,
49.5199

■ 10.5695, 5.5969,
49.2392

■ 9.7336, 4.4474,
49.0614

Harmonies

Analogous

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



43.2506, 45.9439, 55.3489



44.2059, 45.9439, 55.2534



45.0286, 45.9439, 53.7247

Triad

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



44.2059, 45.9439, 55.2534



44.9417, 45.9439, 46.2674



41.8962, 45.9439, 48.8346

Complementary

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



44.2059, 45.9439, 55.2534



47.5696, 50.5966, 49.9075

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.



42.3357, 45.9439, 46.4993



44.2059, 45.9439, 55.2534



44.0887, 45.9439, 45.0541

Square

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



44.2059, 45.9439, 55.2534



45.4576, 45.9439, 48.5073



43.1351, 45.9439, 45.1375



41.9266, 45.9439, 51.5742

Rectangle

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



44.2059, 45.9439, 55.2534



45.3869, 45.9439, 52.1293



43.1351, 45.9439, 45.1375



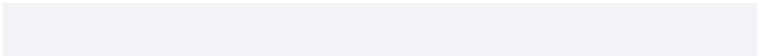
41.9936, 45.9439, 47.9783

Sweetspot

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



44.2072, 45.9459, 55.2544



85.6059, 89.6995, 101.0810



46.1790, 50.0812, 55.3207



18.8317, 19.7363, 22.2022



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



44.2072, 45.9459, 55.2544



78.2352, 81.0621, 99.8022



45.0388, 46.0751, 55.2355



9.3962, 9.7272, 12.0545



6.3428, 2.7974, 32.5985



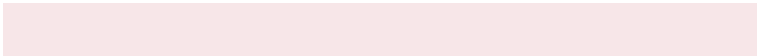
0.2724, 0.1574, 1.2849

Inverse Universe

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



45.5945, 46.4835, 49.7514



81.2987, 82.2555, 87.6488



46.7035, 50.4714, 49.9290



9.7847, 9.8788, 10.5133



14.2023, 7.3121, 1.0932



0.5684, 0.2912, 0.1064

Previews

White Background



This preview shows how the XYZ color 44.2059, 45.9439, 55.2534 looks on a white background.

Color Contrast Check

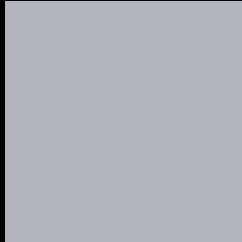
Large Text (above 18pt) WCAG AA × Fail

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 44.2059, 45.9439, 55.2534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

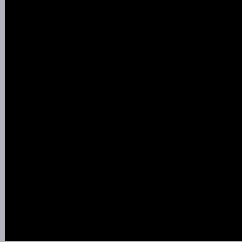
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2059, 45.9439, 55.2534

Background



This preview shows how black text looks on a background with the XYZ color 44.2059, 45.9439, 55.2534.

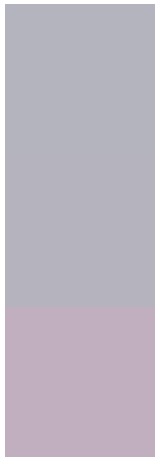


This preview shows how white text looks on a background with the XYZ color 44.2059, 45.9439,

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

44.2059, 45.9439, 55.2534

Protanopia

44.4704, 45.7817, 55.2081

Deuteranopia

46.7263, 45.7590, 55.6598



Tritanopia

44.6801, 45.8385, 57.5318

Trichromacy



Original Color

44.2059, 45.9439, 55.2534

Protanomaly

44.2368, 45.6612, 55.1972

Deuteranomaly

45.8651, 45.8972, 55.7319

Tritanomaly

44.5681, 45.7938, 56.9422

Monochromacy



Original Color

44.2059, 45.9439, 55.2534

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.9980, 46.2117, 51.9482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2059, 45.9439, 55.2534 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, 180, 190)` looks like.

```
.text, #text, p{  
    color:rgb(179, 180, 190)  
}
```

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, 180, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 180, 190) }
```

Border

The CSS property to change the border of an element to XYZ 44.2059, 45.9439, 55.2534 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, 180, 190) }
```


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

```
.border{ border-color:rgb(179, 180, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 180, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 180, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 180, 190);  
box-shadow:4px 4px 4px 4px rgb(179, 180,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2059, 45.9439, 55.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 180, 190) }
```

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

```
.background{ background-color: rgb(179,  
180, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor