

Converting Colors

XYZ(44.3592, 49.5092, 50.1325)

Have a look what the booklet for
XYZ(44.3592, 49.5092, 50.1325)
contains.

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Color

**XYZ(44.5482, 49.6709,
50.4195)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBFB4
RGB	175, 191, 180
RGB Percent	69%, 75%, 71%
CMY	0.3137, 0.2510, 0.2941
CMYK	0.08, 0.00, 0.06, 0.25
HSL	139°, 11%, 72%
HSV	139°, 8%, 75%
XYZ	44.5482, 49.6709, 50.4195
YIQ	184.9620, -6.0050, -6.8130

Conversions

Conversions Part 2

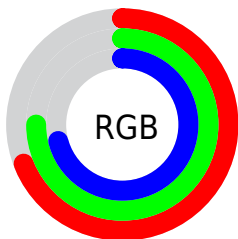
Format	Color
RYB	175, 187, 191
Decimal	11517876
CIELab	75.87, -7.59, 3.66
CIELCh	76, 8.425, 154.248
Yxy	49.6709, 0.3080, 0.3434
Android (android.graphics.Color)	4289707956 (0xFFAFBFB4)
YUV	184.9620, -2.4463, -8.7367
Hunter-Lab	70.4776, -10.5077, 6.9184

Details

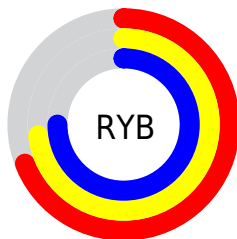
The XYZ color **44.5482, 49.6709, 50.4195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6806, 45.2827, 52.7895**, and the grayscale version is **46.1097, 48.5110, 52.8285**.

A 20% lighter version of the original color is **81.3561, 89.5666, 92.3570**, and **21.0876, 23.9202, 23.5843** is the 20% darker color. If you saturate the color by 10%, you get **39.2858, 47.1068, 43.5176**, and if you desaturate by 10%, it is **50.5466, 52.6026, 58.0196**.

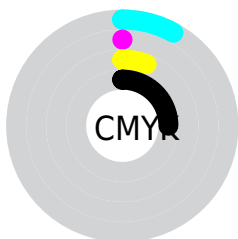
Distribution



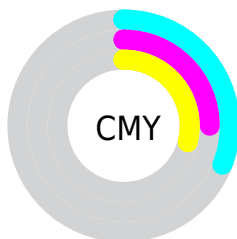
- Red (69%)
- Green (75%)
- Blue (71%)



- Red (69%)
- Yellow (73%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5482, 49.6709, 50.4195 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 44.5482, 49.6709, 50.4195 by changing the saturation by 10% instead.

■ 44.5482, 49.6709,
50.4195

■ 44.5482, 49.6709,
50.4195

355.7552,
385.3776, 405.0862

■ 31.3015, 35.1520,
35.3733

■ 81.2833, 89.6871,
92.1988

■ 20.9815, 23.7800,
23.6647

105.5023,
115.9531, 119.7690

■ 13.2228, 15.1705,
14.8752

134.1095,
146.9037, 152.3510

■ 7.6602, 8.9391,
8.5862

167.4702,
182.9231, 190.3633

■ 3.9283, 4.7015,
4.3792

205.9498,
224.3958, 234.2244

■ 1.6616, 2.0732,
1.8356

249.9136,

■ 0.4321, 0.6495,

271.7062, 284.3529

0.4513

299.7269,
325.2386, 341.1673

■ 0.0000, 0.0000,
0.0000

■ 44.5482, 49.6709,
50.4195

■ 44.5482, 49.6709,
50.4195

■ 39.2858, 47.1068,
43.5176

■ 50.5466, 52.6026,
58.0196

■ 34.7264, 44.8894,
37.2911

■ 57.3040, 55.9091,
66.3336

■ 30.8406, 43.0055,
31.7205

■ 64.8475, 59.6056,
75.3806

■ 27.5953, 41.4383,
26.7841

■ 73.2018, 63.7042,
85.1782

■ 24.9545, 40.1700,
22.4593

■ 76.4548, 65.1568,
95.4654

■ 22.8785, 39.1803,
18.7218

■ 77.9218, 65.7436,
103.1906

■ 21.3227, 38.4470,
15.5458

■ 20.2350, 37.9436,
12.9035

■ 19.5348, 37.6293,
10.7636

Harmonies

Analogous

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



45.5350, 49.6709, 47.2583



44.5482, 49.6709, 50.4195



44.2688, 49.6709, 54.7250

Triad

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



44.5482, 49.6709, 50.4195



47.4343, 49.6709, 63.1544



49.7457, 49.6709, 49.3701

Complementary

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



44.5482, 49.6709, 50.4195



45.6806, 45.2827, 52.7895

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.



50.2801, 49.6709, 53.4464



44.5482, 49.6709, 50.4195



48.9270, 49.6709, 61.5353

Square

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



44.5482, 49.6709, 50.4195



45.9135, 49.6709, 62.2347



49.9772, 49.6709, 57.9201



48.5321, 49.6709, 46.6764

Rectangle

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



44.5482, 49.6709, 50.4195



44.5161, 49.6709, 57.7056



49.9772, 49.6709, 57.9201



50.0119, 49.6709, 50.6156

Sweetspot

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



44.5496, 49.6730, 50.4206



85.3435, 91.6745, 97.3967



46.6689, 50.8234, 47.9082



18.5491, 20.0373, 21.1447



92.9021, 97.7402, 106.4391



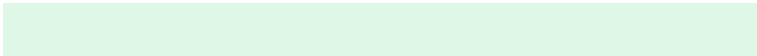
19.4759, 20.4902, 22.3138

Same Dimension

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



44.5496, 49.6730, 50.4206



78.0121, 88.0952, 88.0085



45.3672, 50.0001, 54.7260



9.5283, 10.6974, 10.7654



12.8068, 24.7130, 7.0451



0.5320, 0.9802, 0.4357

Inverse Universe

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



45.6806, 45.2827, 52.7895



80.4382, 78.6765, 93.0901



44.8733, 44.9598, 48.5388



9.7996, 9.6441, 11.3337



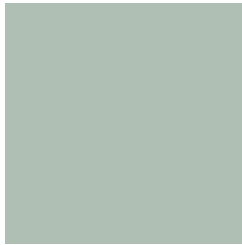
16.8645, 8.3770, 15.1119



0.6888, 0.3394, 0.7406

Previews

White Background



This preview shows how the XYZ color 44.5482, 49.6709, 50.4195 looks on a white background.

Color Contrast Check

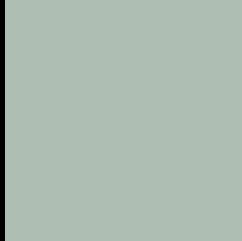
Large Text (above 18pt) WCAG AA × Fail

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 44.5482, 49.6709, 50.4195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

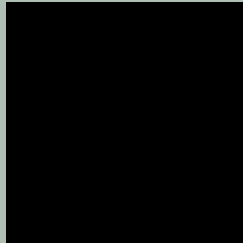
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5482, 49.6709, 50.4195

Background



This preview shows how black text looks on a background with the XYZ color 44.5482, 49.6709, 50.4195.



This preview shows how white text looks on a background with the XYZ color 44.5482, 49.6709,

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

44.5482, 49.6709, 50.4195

Protanopia

47.2329, 49.4986, 48.6597

Deuteranopia

50.4210, 49.5470, 51.1620



Tritanopia

47.3531, 49.8619, 63.6285

Trichromacy



Original Color

44.5482, 49.6709, 50.4195

Protanomaly

46.2688, 49.6199, 49.2585

Deuteranomaly

48.1951, 49.6362, 50.7567

Tritanomaly

46.4080, 49.8003, 58.7962

Monochromacy



Original Color

44.5482, 49.6709, 50.4195

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.3736, 48.7833, 51.8244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5482, 49.6709, 50.4195 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(175, 191, 180)` looks like.

```
.text, #text, p{  
    color:rgb(175, 191, 180)  
}
```

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(175, 191, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 191, 180) }
```

Border

The CSS property to change the border of an element to XYZ 44.5482, 49.6709, 50.4195 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(175, 191, 180) }
```


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

```
.border{ border-color:rgb(175, 191, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 191, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 191, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 191, 180);  
box-shadow:4px 4px 4px 4px rgb(175, 191,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5482, 49.6709, 50.4195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 191, 180) }
```

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

```
.background{ background-color: rgb(175,  
191, 180) }
```

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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