

Converting Colors

XYZ(45.0215, 49.4636, 52.5787)

Have a look what the booklet for
XYZ(45.0215, 49.4636, 52.5787)
contains.

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Color

**XYZ(44.9697, 49.5177,
52.5351)**

Conversions

Conversions Part 1

Format	Color
Hex	B0BEB8
RGB	176, 190, 184
RGB Percent	69%, 75%, 72%
CMY	0.3098, 0.2549, 0.2784
CMYK	0.07, 0.00, 0.03, 0.25
HSL	154°, 10%, 72%
HSV	154°, 7%, 75%
XYZ	44.9697, 49.5177, 52.5351
YIQ	185.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

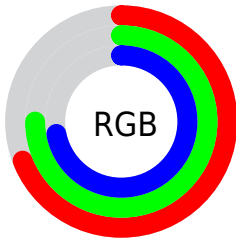
Format	Color
RYB	176, 185, 190
Decimal	11583160
CIELab	75.77, -5.96, 1.36
CIELCh	76, 6.114, 167.119
Yxy	49.5177, 0.3059, 0.3368
Android (android.graphics.Color)	4289773240 (0xFFB0BEB8)
YUV	185.1300, -0.5571, -8.0070
Hunter-Lab	70.3688, -9.0737, 4.9942

Details

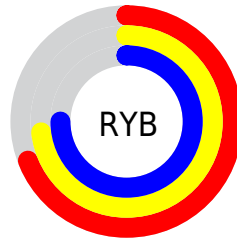
The XYZ color **44.9697, 49.5177, 52.5351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.2059, 45.3766, 50.6343**, and the grayscale version is **46.1931, 48.5988, 52.9241**.

A 20% lighter version of the original color is **81.9627, 89.3586, 95.3661**, and **21.2108, 23.7410, 24.9373** is the 20% darker color. If you saturate the color by 10%, you get **40.1414, 47.1259, 47.9801**, and if you desaturate by 10%, it is **50.4513, 52.2434, 57.3794**.

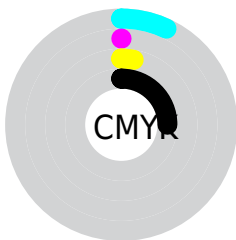
Distribution



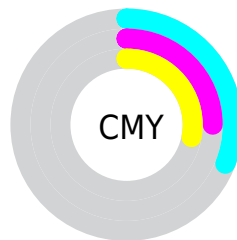
- Red (69%)
- Green (75%)
- Blue (72%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9697, 49.5177, 52.5351 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 44.9697, 49.5177, 52.5351 by changing the saturation by 10% instead.

■ 44.9697, 49.5177,
52.5351

■ 44.9697, 49.5177,
52.5351

357.4366,
384.7768, 413.5145

■ 31.6347, 35.0303,
37.0466

■ 81.9123, 89.4599,
95.3545

■ 21.2369, 23.6862,
24.9475

106.2506,
115.6835, 123.5225

■ 13.4107, 15.1010,
15.8193

134.9875,
146.5879, 156.7541

■ 7.7909, 8.8903,
9.2434

168.4881,
182.5576, 195.4678

■ 4.0121, 4.6697,
4.8013

207.1181,
223.9770, 240.0821

■ 1.7090, 2.0548,
2.0745

251.2425,

■ 0.4619, 0.6390,

271.2303, 291.0157

0.6005

301.2269,
324.7022, 348.6870

■ 0.0000, 0.0000,
0.0000

■ 44.9697, 49.5177,
52.5351

■ 44.9697, 49.5177,
52.5351

■ 40.1414, 47.1259,
47.9801

■ 50.4513, 52.2434,
57.3794

■ 35.9367, 45.0485,
43.7057

■ 56.6062, 55.3091,
62.5151

■ 32.3293, 43.2736,
39.7073

■ 63.4587, 58.7285,
67.9483

■ 29.2900, 41.7861,
35.9789

■ 71.0306, 62.5129,
73.6841

■ 26.7864, 40.5696,
32.5146

■ 73.2080, 63.5102,
79.4403

■ 24.7832, 39.6058,
29.3077

■ 74.3444, 63.9648,
85.4244

■ 23.2403, 38.8742,
26.3516

■ 75.5345, 64.4408,
91.6914

■ 22.1111, 38.3510,
23.6389

■ 76.7790, 64.9386,
98.2450

■ 21.3293, 38.0020,
21.1613

■ 77.7044, 65.3088,
103.1181

Harmonies

Analogous

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



45.4841, 49.5177, 49.7744



44.9697, 49.5177, 52.5351



45.0102, 49.5177, 55.7770

Triad

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



44.9697, 49.5177, 52.5351



47.7104, 49.5177, 60.1124



48.5657, 49.5177, 49.4653

Complementary

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



44.9697, 49.5177, 52.5351



45.2059, 45.3766, 50.6343

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.



49.1816, 49.5177, 52.0976



44.9697, 49.5177, 52.5351



48.6823, 49.5177, 58.2819

Square

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



44.9697, 49.5177, 52.5351



46.5803, 49.5177, 60.2411



49.2246, 49.5177, 55.3216



47.5532, 49.5177, 48.0506

Rectangle

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



44.9697, 49.5177, 52.5351



45.3464, 49.5177, 57.7765



49.2246, 49.5177, 55.3216



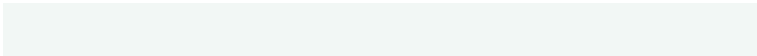
48.8267, 49.5177, 50.2321

Sweetspot

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



44.9711, 49.5198, 52.5362



86.6408, 92.2910, 99.8173



45.5588, 49.9170, 48.3088



19.0478, 20.2773, 21.9386



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.



44.9711, 49.5198, 52.5362



79.8510, 88.9193, 93.6945



45.4124, 49.3738, 55.8543



9.6310, 10.7385, 11.3063



14.1032, 25.2315, 13.8720



0.5846, 1.0012, 0.7127

Inverse Universe

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



45.2059, 45.3766, 50.6343



80.3727, 79.7130, 89.4688



44.7822, 45.5010, 47.4974



9.6954, 9.6024, 10.7848



15.1568, 7.6939, 6.1194



0.6265, 0.3145, 0.4125

Previews

White Background



This preview shows how the XYZ color 44.9697, 49.5177, 52.5351 looks on a white background.

Color Contrast Check

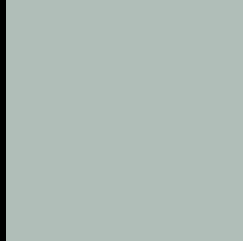
Large Text (above 18pt) WCAG AA × Fail

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 44.9697, 49.5177, 52.5351 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

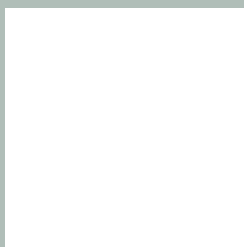
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.9697, 49.5177, 52.5351

Background



This preview shows how black text looks on a background with the XYZ color 44.9697, 49.5177, 52.5351.



This preview shows how white text looks on a background with the XYZ color 44.9697, 49.5177,

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

44.9697, 49.5177, 52.5351

Protanopia

47.4883, 49.5716, 51.3213

Deuteranopia

50.5636, 49.5721, 53.3577



Tritanopia

47.0214, 49.3886, 62.9318

Trichromacy



Original Color

44.9697, 49.5177, 52.5351

Protanomaly

46.5673, 49.3986, 51.8803

Deuteranomaly

48.1456, 49.2531, 52.8682

Tritanomaly

46.1936, 49.3715, 58.7248

Monochromacy



Original Color

44.9697, 49.5177, 52.5351

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.8187, 48.9885, 52.9398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9697, 49.5177, 52.5351 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(176, 190, 184) looks like.

```
.text, #text, p{  
    color:rgb(176, 190, 184)  
}
```

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(176, 190, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 190, 184) }
```

Border

The CSS property to change the border of an element to XYZ 44.9697, 49.5177, 52.5351 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(176, 190, 184) }
```


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

```
.border{ border-color:rgb(176, 190, 184) }
```

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

Here you see how a box with a 4 pixel rgb(176, 190, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 190, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 190, 184);  
box-shadow:4px 4px 4px 4px rgb(176, 190,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9697, 49.5177, 52.5351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 190, 184) }
```

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

```
.background{ background-color: rgb(176,  
190, 184) }
```

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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