

# Converting Colors

XYZ(44.5623, 49.6231, 52.8340)

Have a look what the booklet for  
XYZ(44.5623, 49.6231, 52.8340)  
contains.

<b>XYZ(44.5161, 49.6065, 52.5762)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**XYZ(44.5161, 49.6065,  
52.5762)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADBFB8
RGB	173, 191, 184
RGB Percent	68%, 75%, 72%
CMY	0.3216, 0.2510, 0.2784
CMYK	0.09, 0.00, 0.04, 0.25
HSL	157°, 12%, 71%
HSV	157°, 9%, 75%
XYZ	44.5161, 49.6065, 52.5762
YIQ	184.8200, -8.4810, -5.9930

# Conversions

## Conversions Part 2

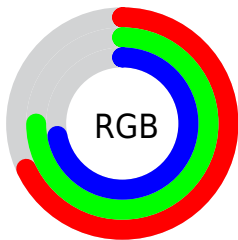
Format	Color
<b>RYB</b>	173, 184, 191
Decimal	11386808
CIELab	75.83, -7.51, 1.42
CIELCh	76, 7.643, 169.319
Yxy	49.6065, 0.3035, 0.3382
Android (android.graphics.Color)	4289576888 (0xFFADBFB8)
YUV	184.8200, -0.4043, -10.3661
Hunter-Lab	70.4319, -10.4358, 5.0433

# Details

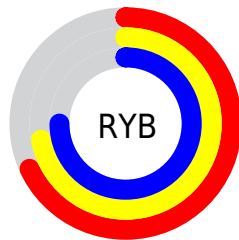
The XYZ color **44.5161, 49.6065, 52.5762** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6694, 44.2601, 49.3710**, and the grayscale version is **46.0207, 48.4174, 52.7265**.

A 20% lighter version of the original color is **80.9838, 89.3068, 95.4077**, and **21.0704, 23.8806, 24.9716** is the 20% darker color. If you saturate the color by 10%, you get **39.8325, 47.2810, 48.3983**, and if you desaturate by 10%, it is **49.8473, 52.2638, 57.0001**.

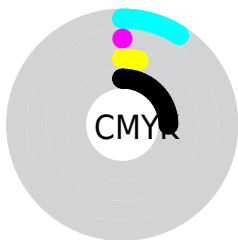
# Distribution



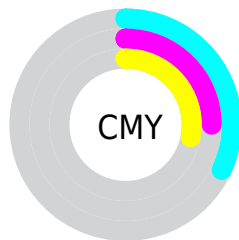
- Red (68%)
- Green (75%)
- Blue (72%)



- Red (68%)
- Yellow (72%)
- Blue (75%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (32%)
- Magenta (25%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5161, 49.6065, 52.5762 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 44.5161, 49.6065, 52.5762 by changing the saturation by 10% instead.



■ 44.5161, 49.6065,  
52.5762

■ 44.5161, 49.6065,  
52.5762

355.6270,  
385.1251, 413.6771

■ 31.2761, 35.1008,  
37.0792

■ 81.2353, 89.5916,  
95.4157

■ 20.9620, 23.7406,  
24.9725

105.4453,  
115.8398, 123.5952

■ 13.2086, 15.1413,  
15.8377

134.0426,  
146.7709, 156.8393

■ 7.6503, 8.9186,  
9.2563

167.3926,  
182.7695, 195.5665

■ 3.9219, 4.6881,  
4.8096

205.8607,  
224.2198, 240.1953

■ 1.6581, 2.0655,  
2.0792

249.8122,

■ 0.4298, 0.6451,

271.5062, 291.1443

0.6034

299.6125,  
325.0132, 348.8321

■ 0.0000, 0.0000,  
0.0000

■ 44.5161, 49.6065,  
52.5762

■ 44.5161, 49.6065,  
52.5762

■ 39.8325, 47.2810,  
48.3983

■ 49.8473, 52.2638,  
57.0001

■ 35.7661, 45.2677,  
44.4585

■ 55.8463, 55.2593,  
61.6709

■ 32.2904, 43.5543,  
40.7534


■ 62.5380, 58.6069,  
66.5940


■ 29.3752, 42.1254,  
37.2782

■ 69.9444, 62.3181,  
71.7734


■ 26.9877, 40.9640,  
34.0277


■ 72.9429, 63.7519,  
76.9723


 25.0911, 40.0515,  
30.9968


 73.9560, 64.1571,  
82.3072

 23.6442, 39.3664,  
28.1797

 75.0134, 64.5801,  
87.8757

 22.5981, 38.8838,  
25.5705

 76.1158, 65.0211,  
93.6808

 21.8642, 38.5580,  
23.1610

 77.2637, 65.4802,  
99.7252

# Harmonies

## Analogous

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



45.1084, 49.6065, 49.0729



44.5161, 49.6065, 52.5762



44.6187, 49.6065, 56.6424

# Triad

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



44.5161, 49.6065, 52.5762



48.0589, 49.6065, 61.7363



48.9524, 49.6065, 48.2955

# Complementary

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



44.5161, 49.6065, 52.5762



44.6694, 44.2601, 49.3710

# 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.



49.7743, 49.6065, 51.4663



44.5161, 49.6065, 52.5762



49.2513, 49.6065, 59.2741

# Square

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



44.5161, 49.6065, 52.5762



46.6451, 49.6065, 62.0702



49.8847, 49.6065, 55.4758



47.6575, 49.6065, 46.6852



# Rectangle

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



44.5161, 49.6065, 52.5762



45.0679, 49.6065, 59.1227



49.8847, 49.6065, 55.4758



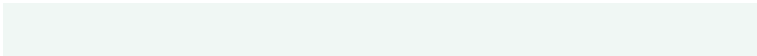
49.2942, 49.6065, 49.2066

# Sweetspot

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



44.5175, 49.6086, 52.5773



85.6788, 91.8086, 99.1625



45.0443, 50.0083, 46.8144



18.6419, 20.0744, 21.6330



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.



44.5175, 49.6086, 52.5773



78.1779, 88.0743, 92.8215



44.8798, 49.1292, 56.4101



9.6470, 10.7449, 11.3908



14.3831, 25.3435, 15.3459



0.5946, 1.0052, 0.7653



# Inverse Universe

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



44.6694, 44.2601, 49.3710



78.4967, 76.8526, 86.0947



44.3213, 44.6769, 45.8234



9.6797, 9.5962, 10.7022



14.9760, 7.6216, 5.1673

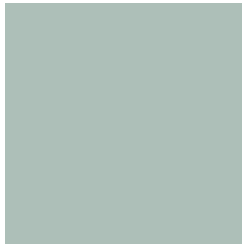


0.6189, 0.3114, 0.3722



# Previews

## White Background



This preview shows how the XYZ color 44.5161, 49.6065, 52.5762 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

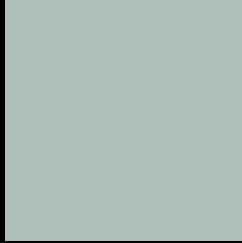
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 44.5161, 49.6065, 52.5762 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

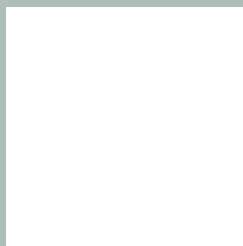
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 44.5161, 49.6065, 52.5762

## Background



This preview shows how black text looks on a background with the XYZ color 44.5161, 49.6065, 52.5762.



This preview shows how white text looks on a background with the XYZ color 44.5161, 49.6065,



# 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

44.5161, 49.6065, 52.5762

### Protanopia

47.3853, 49.5304, 50.7789

### Deuteranopia

50.5636, 49.5721, 53.3577



## Tritanopia

46.6672, 49.5083, 63.5964

# Trichromacy



## Original Color

44.5161, 49.6065, 52.5762

## Protanomaly

46.1939, 49.5342, 51.3823

## Deuteranomaly

48.0982, 49.5382, 52.9257

## Tritanomaly

45.8406, 49.4947, 59.3619

# Monochromacy



## Original Color

44.5161, 49.6065, 52.5762

## Achromatopsia

46.1135, 48.5150, 52.8328

## Achromatomaly

45.5833, 48.8672, 52.9288

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 44.5161, 49.6065, 52.5762 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(173, 191, 184)` looks like.

```
.text, #text, p{  
    color:rgb(173, 191, 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(173, 191, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 191, 184) }
```

## Border

The CSS property to change the border of an element to XYZ 44.5161, 49.6065, 52.5762 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(173, 191, 184) }
```



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

```
.border{ border-color:rgb(173, 191, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 191, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 191, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 191, 184);  
box-shadow:4px 4px 4px 4px rgb(173, 191,  
184) }
```

# Background

The CSS property to change the background color of an element to XYZ 44.5161, 49.6065, 52.5762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 191, 184) }
```

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

```
.background{ background-color: rgb(173,  
191, 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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