

Converting Colors

XYZ(44.4310, 48.8429, 55.2025)

Have a look what the booklet for
XYZ(44.4310, 48.8429, 55.2025)
contains.

XYZ(44.3962, 48.8400, 55.2312)	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(44.3962, 48.8400,
55.2312)**

Conversions

Conversions Part 1

Format	Color
Hex	ACBDBD
RGB	172, 189, 189
RGB Percent	67%, 74%, 74%
CMY	0.3255, 0.2588, 0.2588
CMYK	0.09, 0.00, 0.00, 0.26
HSL	180°, 11%, 71%
HSV	180°, 9%, 74%
XYZ	44.3962, 48.8400, 55.2312
YIQ	183.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

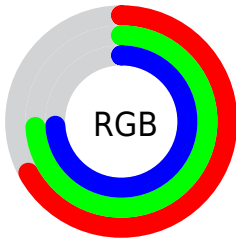
Format	Color
RYB	172, 181, 189
Decimal	11320765
CIELab	75.35, -5.81, -2.00
CIELCh	75, 6.145, 199.004
Yxy	48.8400, 0.2990, 0.3290
Android (android.graphics.Color)	4289510845 (0xFFACBDBD)
YUV	183.9170, 2.5059, -10.4512
Hunter-Lab	69.8856, -8.9042, 2.0625

Details

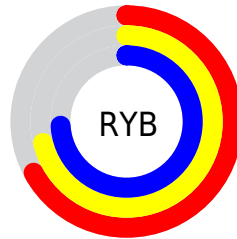
The XYZ color **44.3962, 48.8400, 55.2312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.1870, 43.3038, 45.1144**, and the grayscale version is **45.5059, 47.8758, 52.1367**.

A 20% lighter version of the original color is **80.8124, 88.2283, 99.1567**, and **20.9938, 23.3790, 26.6987** is the 20% darker color. If you saturate the color by 10%, you get **40.5396, 46.8532, 55.0498**, and if you desaturate by 10%, it is **48.8456, 51.1350, 55.4423**.

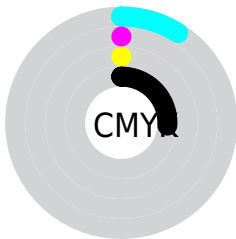
Distribution



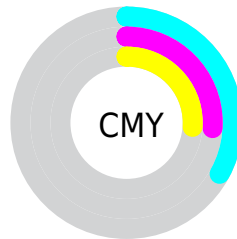
- Red (67%)
- Green (74%)
- Blue (74%)



- Red (67%)
- Yellow (71%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3962, 48.8400, 55.2312 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 44.3962, 48.8400, 55.2312 by changing the saturation by 10% instead.

■ 44.3962, 48.8400,
55.2312

■ 44.3962, 48.8400,
55.2312

355.1476,
382.1121, 424.0944

■ 31.1814, 34.4926,
39.1870

■ 81.0563, 88.4538,
99.3542

■ 20.8895, 23.2723,
26.5963

105.2322,
114.4889, 128.2700

■ 13.1552, 14.7947,
17.0405

133.7925,
145.1887, 162.3135

■ 7.6133, 8.6754,
10.1011

167.1026,
180.9377, 201.9032

■ 3.8982, 4.5301,
5.3596

205.5278,
222.1201, 247.4575

■ 1.6447, 1.9743,
2.3973

249.4334,

■ 0.4213, 0.5925,

269.1203, 299.3952

0.7850

299.1849,
322.3229, 358.1346

■ 0.0000, 0.0000,
0.0000

■ 44.3962, 48.8400,
55.2312

■ 44.3962, 48.8400,
55.2312

■ 40.5396, 46.8532,
55.0498

■ 48.8456, 51.1350,
55.4423

■ 37.2468, 45.1558,
54.8939

■ 53.9069, 53.7442,
55.6811

■ 34.4927, 43.7360,
54.7631

■ 59.6035, 56.6808,
55.9496

■ 32.2486, 42.5792,
54.6562

■ 65.9563, 59.9558,
56.2488

■ 30.4832, 41.6691,
54.5717

■ 68.6258, 61.3319,
56.3756

■ 29.1618, 40.9879,
54.5079

■ 68.6261, 61.3321,
56.3775

■ 28.2448, 40.5153,
54.4631

■ 68.6265, 61.3322,
56.3794

■ 27.6861, 40.2273,
54.4351

■ 68.6268, 61.3324,
56.3813

■ 27.4045, 40.0821,
54.4200

■ 68.6272, 61.3325,
56.3832

Harmonies

Analogous

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



44.3200, 48.8400, 52.0000



44.3962, 48.8400, 55.2312



45.0097, 48.8400, 58.0161

Triad

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



44.3962, 48.8400, 55.2312



48.0807, 48.8400, 57.3671



46.8367, 48.8400, 47.2993

Complementary

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



44.3962, 48.8400, 55.2312



43.1870, 43.3038, 45.1144

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.



47.8614, 48.8400, 48.6175



44.3962, 48.8400, 55.2312



48.5873, 48.8400, 54.3746

Square

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



44.3962, 48.8400, 55.2312



47.1323, 48.8400, 59.2834



48.5064, 48.8400, 51.1772



45.7168, 48.8400, 47.5077

Rectangle

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



44.3962, 48.8400, 55.2312



45.6466, 48.8400, 59.2038



48.5064, 48.8400, 51.1772



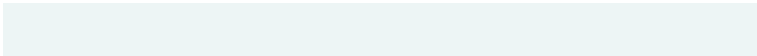
47.2040, 48.8400, 47.5764

Sweetspot

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



44.3976, 48.8421, 55.2323



84.1201, 89.8473, 99.1338



42.7210, 48.1786, 46.0784



17.9504, 19.2495, 21.3117



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



44.3976, 48.8421, 55.2323



77.9173, 86.6496, 98.8408



42.6799, 45.4061, 54.6613



9.8085, 10.8095, 12.2413



18.4217, 26.9590, 36.6130



0.7216, 1.0560, 1.4343

Inverse Universe

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



43.1870, 43.3038, 45.1144



75.2634, 74.5085, 76.6599



44.7995, 46.5293, 45.6505



9.5303, 9.5364, 9.9154



14.1204, 7.2793, 0.6616



0.5531, 0.2851, 0.0260

Previews

White Background



This preview shows how the XYZ color 44.3962, 48.8400, 55.2312 looks on a white background.

Color Contrast Check

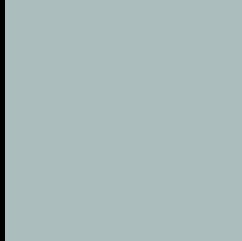
Large Text (above 18pt) WCAG AA × Fail

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 44.3962, 48.8400, 55.2312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

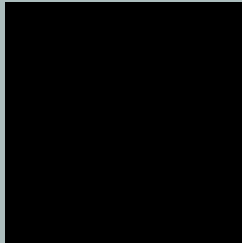
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

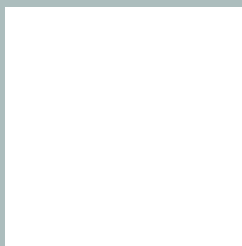
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3962, 48.8400, 55.2312

Background



This preview shows how black text looks on a background with the XYZ color 44.3962, 48.8400, 55.2312.



This preview shows how white text looks on a background with the XYZ color 44.3962, 48.8400,

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

44.3962, 48.8400, 55.2312

Protanopia

46.7425, 48.5175, 53.3556

Deuteranopia

49.8126, 48.8216, 56.0883



Tritanopia

45.8866, 48.8036, 62.8787

Trichromacy



Original Color

44.3962, 48.8400, 55.2312

Protanomaly

45.8199, 48.6508, 53.9893

Deuteranomaly

47.4630, 48.5318, 55.5812

Tritanomaly

45.2948, 48.8819, 59.8712

Monochromacy



Original Color

44.3962, 48.8400, 55.2312

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.2442, 48.3663, 53.4054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3962, 48.8400, 55.2312 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(172, 189, 189) looks like.

```
.text, #text, p{  
    color:rgb(172, 189, 189)  
}
```

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(172, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 189, 189) }
```

Border

The CSS property to change the border of an element to XYZ 44.3962, 48.8400, 55.2312 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(172, 189, 189) }
```


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

```
.border{ border-color:rgb(172, 189, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 189, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(172, 189,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3962, 48.8400, 55.2312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 189, 189) }
```

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

```
.background{ background-color: rgb(172,  
189, 189) }
```

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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