

Converting Colors

XYZ(44.5201, 47.4487, 55.3358)

Have a look what the booklet for
XYZ(44.5201, 47.4487, 55.3358)
contains.

XYZ(44.5662, 47.3458, 55.5050)	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(44.5662, 47.3458,
55.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B8BE
RGB	177, 184, 190
RGB Percent	69%, 72%, 75%
CMY	0.3059, 0.2784, 0.2549
CMYK	0.07, 0.03, 0.00, 0.25
HSL	208°, 9%, 72%
HSV	208°, 7%, 75%
XYZ	44.5662, 47.3458, 55.5050
YIQ	182.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

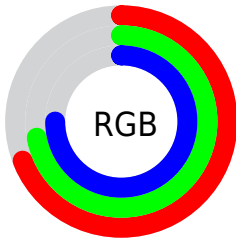
Format	Color
RYB	177, 182, 190
Decimal	11647166
CIELab	74.41, -1.26, -3.89
CIELCh	74, 4.086, 252.060
Yxy	47.3458, 0.3023, 0.3212
Android (android.graphics.Color)	4289837246 (0xFFB1B8BE)
YUV	182.5910, 3.6526, -4.9033
Hunter-Lab	68.8083, -4.8024, 0.3388

Details

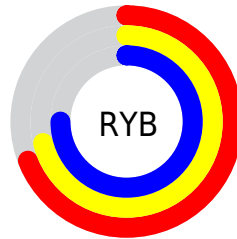
The XYZ color **44.5662, 47.3458, 55.5050** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1046, 47.9880, 48.4283**, and the grayscale version is **44.7700, 47.1015, 51.2936**.

A 20% lighter version of the original color is **81.3989, 86.2976, 99.5557**, and **20.9438, 22.3238, 26.8720** is the 20% darker color. If you saturate the color by 10%, you get **38.7718, 41.7402, 54.7291**, and if you desaturate by 10%, it is **51.0787, 53.4917, 56.3488**.

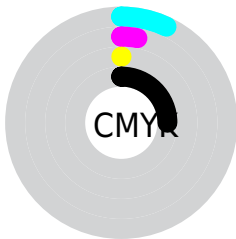
Distribution



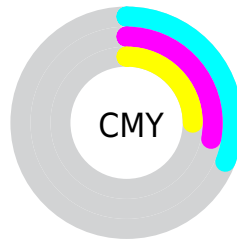
- Red (69%)
- Green (72%)
- Blue (75%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5662, 47.3458, 55.5050 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 44.5662, 47.3458, 55.5050 by changing the saturation by 10% instead.

■ 44.5662, 47.3458,
55.5050

■ 44.5662, 47.3458,
55.5050

355.8271,
376.1931, 425.1591

■ 31.3157, 33.3091,
39.4049

■ 81.3101, 86.2296,
99.7590

■ 20.9924, 22.3633,
26.7646

105.5343,
111.8454, 128.7500

■ 13.2309, 14.1241,
17.1656

134.1470,
142.0898, 162.8750

■ 7.6658, 8.2070,
10.1894

167.5137,
177.3471, 202.5525

■ 3.9318, 4.2277,
5.4175

205.9997,
218.0017, 248.2012

■ 1.6637, 1.8017,
2.4313

249.9704,

■ 0.4334, 0.4883,

264.4379, 300.2395

0.8034

299.7911,
317.0403, 359.0859

■ 0.0000, 0.0000,
0.0000

■ 44.5662, 47.3458,
55.5050

■ 44.5662, 47.3458,
55.5050

■ 38.7718, 41.7402,
54.7291

■ 51.0787, 53.4917,
56.3488

■ 33.6647, 36.6520,
54.0162

■ 58.3306, 60.1879,
57.2590

■ 29.2176, 32.0656,
53.3653

■ 66.3472, 67.4516,
58.2385

■ 25.4000, 27.9618,
52.7744

■ 75.1514, 75.2973,
59.2889

■ 22.1785, 24.3203,
52.2413

■ 78.2308, 80.3706,
60.1058

■ 19.5164, 21.1187,
51.7637

■ 80.7012, 85.3114,
60.9293

■ 17.3727, 18.3323,
51.3388

■ 83.2956, 90.5001,
61.7941

■ 15.6996, 15.9330,
50.9639

■ 86.0156, 95.9402,
62.7008

■ 14.4333, 13.8840,
50.6351

■ 86.2944, 96.4978,
62.7937

Harmonies

Analogous

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



43.9581, 47.3458, 54.3150



44.5662, 47.3458, 55.5050



45.2971, 47.3458, 55.6181

Triad

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



44.5662, 47.3458, 55.5050



46.3992, 47.3458, 50.7092



44.0592, 47.3458, 48.6002

Complementary

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



44.5662, 47.3458, 55.5050



46.1046, 47.9880, 48.4283

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.



44.7057, 47.3458, 47.6881



44.5662, 47.3458, 55.5050



46.0598, 47.3458, 48.8834

Square

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



44.5662, 47.3458, 55.5050



46.3608, 47.3458, 52.8102



45.4381, 47.3458, 47.7904



43.6676, 47.3458, 50.3130

Rectangle

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



44.5662, 47.3458, 55.5050



45.7563, 47.3458, 55.0638



45.4381, 47.3458, 47.7904



44.2536, 47.3458, 48.1919

Sweetspot

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



44.5676, 47.3478, 55.5060



86.2720, 91.0316, 101.3030



45.0773, 49.5875, 51.9142



18.9708, 20.0145, 22.2486



92.9021, 97.7402, 106.4391



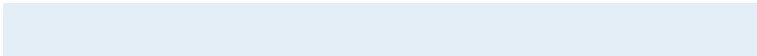
19.4759, 20.4902, 22.3138

Same Dimension

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



44.5676, 47.3478, 55.5060



79.3378, 84.4376, 100.3957



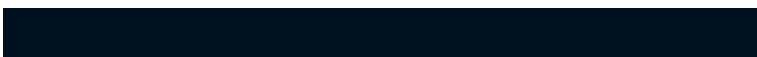
43.2773, 44.7673, 55.0760



9.4307, 10.0537, 12.1157



9.4418, 8.9953, 33.6315



0.4346, 0.4819, 1.3390

Inverse Universe

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



45.6101, 45.8530, 51.7964



81.5696, 81.2700, 92.4472



47.4448, 50.6682, 48.8750



9.7392, 9.6200, 11.0158



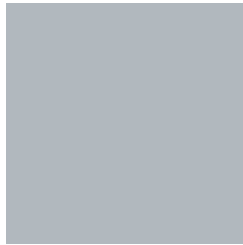
15.7666, 7.9378, 9.3302



0.6503, 0.3240, 0.5377

Previews

White Background



This preview shows how the XYZ color 44.5662, 47.3458, 55.5050 looks on a white background.

Color Contrast Check

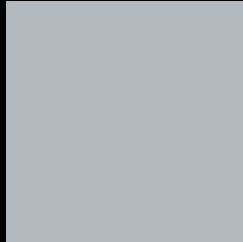
Large Text (above 18pt) WCAG AA × Fail

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 44.5662, 47.3458, 55.5050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

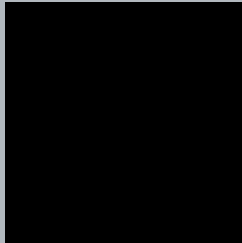
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

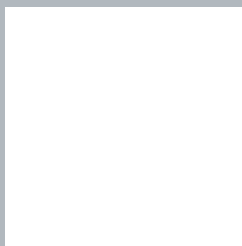
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.5662, 47.3458, 55.5050

Background



This preview shows how black text looks on a background with the XYZ color 44.5662, 47.3458, 55.5050.



This preview shows how white text looks on a background with the XYZ color 44.5662, 47.3458,

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

44.5662, 47.3458, 55.5050

Protanopia

45.6804, 47.3204, 54.8702

Deuteranopia

48.1521, 47.0762, 55.8389



Tritanopia

45.3716, 47.3632, 59.5740

Trichromacy



Original Color

44.5662, 47.3458, 55.5050

Protanomaly

45.1748, 47.3649, 54.9055

Deuteranomaly

46.9604, 47.3513, 55.9548

Tritanomaly

45.0312, 47.2270, 57.7813

Monochromacy



Original Color

44.5662, 47.3458, 55.5050

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.8525, 47.2359, 53.2078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5662, 47.3458, 55.5050 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(177, 184, 190)` looks like.

```
.text, #text, p{  
    color:rgb(177, 184, 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(177, 184, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 184, 190) }
```

Border

The CSS property to change the border of an element to XYZ 44.5662, 47.3458, 55.5050 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(177, 184, 190) }
```


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

```
.border{ border-color:rgb(177, 184, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 184, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 184, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 184, 190);  
box-shadow:4px 4px 4px 4px rgb(177, 184,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5662, 47.3458, 55.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 184, 190) }
```

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

```
.background{ background-color: rgb(177,  
184, 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](#).

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