

Converting Colors

XYZ(44.8813, 47.2933, 55.4787)

Have a look what the booklet for
XYZ(44.8813, 47.2933, 55.4787)
contains.

XYZ(44.8182, 47.1684, 55.4574)	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(44.8182, 47.1684,
55.4574)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B7BE
RGB	179, 183, 190
RGB Percent	70%, 72%, 75%
CMY	0.2980, 0.2823, 0.2549
CMYK	0.06, 0.04, 0.00, 0.25
HSL	218°, 8%, 72%
HSV	218°, 6%, 75%
XYZ	44.8182, 47.1684, 55.4574
YIQ	182.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

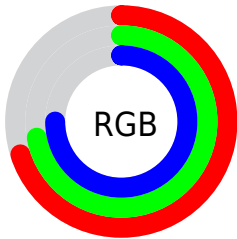
Format	Color
RYB	179, 182, 190
Decimal	11777982
CIELab	74.30, -0.04, -4.04
CIELCh	74, 4.037, 269.427
Yxy	47.1684, 0.3040, 0.3199
Android (android.graphics.Color)	4289968062 (0xFFB3B7BE)
YUV	182.6020, 3.6472, -3.1590
Hunter-Lab	68.6793, -3.7045, 0.1998

Details

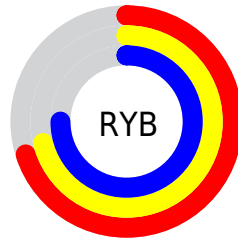
The XYZ color **44.8182, 47.1684, 55.4574** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.9310, 49.3193, 49.6948**, and the grayscale version is **44.7755, 47.1073, 51.2999**.

A 20% lighter version of the original color is **81.7620, 86.0490, 99.4886**, and **21.1022, 22.2070, 26.8411** is the 20% darker color. If you saturate the color by 10%, you get **38.3393, 40.2864, 54.4712**, and if you desaturate by 10%, it is **52.1190, 54.7946, 56.5453**.

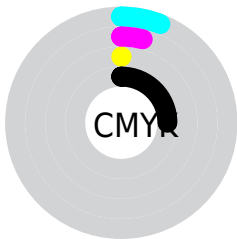
Distribution



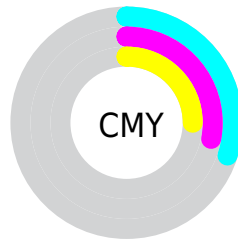
- Red (70%)
- Green (72%)
- Blue (75%)



- Red (70%)
- Yellow (71%)
- Blue (75%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (30%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8182, 47.1684, 55.4574 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 44.8182, 47.1684, 55.4574 by changing the saturation by 10% instead.

■ 44.8182, 47.1684,
55.4574

■ 44.8182, 47.1684,
55.4574

356.8329,
375.4863, 424.9742

■ 31.5149, 33.1688,
39.3670

■ 81.6863, 85.9649,
99.6887

■ 21.1450, 22.2558,
26.7353

105.9818,
111.5307, 128.6666

■ 13.3431, 14.0450,
17.1439

134.6721,
141.7206, 162.7774

■ 7.7439, 8.1520,
10.1741

168.1225,
176.9190, 202.4397

■ 3.9819, 4.1923,
5.4074

206.6985,
217.5104, 248.0720

■ 1.6919, 1.7817,
2.4253

250.7653,

■ 0.4512, 0.4757,

263.8792, 300.0928

0.8002

300.6883,
316.4097, 358.9207

■ 0.0000, 0.0000,
0.0000

■ 44.8182, 47.1684,
55.4574

■ 44.8182, 47.1684,
55.4574

■ 38.3393, 40.2864,
54.4712

■ 52.1190, 54.7946,
56.5453

■ 32.6484, 34.1191,
53.5808

■ 60.2659, 63.1811,
57.7347

■ 27.7148, 28.6438,
52.7840

■ 69.2873, 72.3513,
59.0293

■ 23.5046, 23.8344,
52.0776

■ 79.2082, 82.3253,
60.4315

■ 19.9808, 19.6629,
51.4581

■ 82.7155, 89.3399,
61.6006

■ 17.1030, 16.0988,
50.9218

■ 86.2944, 96.4978,
62.7936

■ 14.8264, 13.1091,
50.4648

■ 13.0994, 10.6567,
50.0824

■ 11.8586, 8.6975,
49.7696

Harmonies

Analogous

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



44.1264, 47.1684, 54.8751



44.8182, 47.1684, 55.4574



45.5210, 47.1684, 54.9169

Triad

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



44.8182, 47.1684, 55.4574



46.0581, 47.1684, 49.4206



43.6419, 47.1684, 49.3532

Complementary

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



44.8182, 47.1684, 55.4574



46.9310, 49.3193, 49.6948

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.



44.1503, 47.1684, 47.9570



44.8182, 47.1684, 55.4574



45.5454, 47.1684, 47.9952

Square

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



44.8182, 47.1684, 55.4574



46.2415, 47.1684, 51.3983



44.8461, 47.1684, 47.4665



43.4518, 47.1684, 51.3184

Rectangle

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



44.8182, 47.1684, 55.4574



45.9000, 47.1684, 54.0007



44.8461, 47.1684, 47.4665



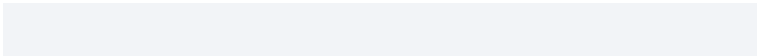
43.7810, 47.1684, 48.8037

Sweetspot

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



44.8196, 47.1704, 55.4584



86.0109, 90.5094, 101.2159



45.8640, 49.9552, 53.6616



18.9163, 19.9055, 22.2304



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.



44.8196, 47.1704, 55.4584



79.5794, 83.7505, 100.2503



44.3464, 45.7182, 55.2031



9.5663, 10.0676, 12.1112



7.6697, 5.4510, 33.0408



0.3633, 0.3393, 1.3152

Inverse Universe

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



45.9036, 46.6073, 51.3788



81.9772, 82.5269, 91.2217



47.4216, 50.8416, 49.9627



9.8706, 9.9131, 10.9656



14.8721, 7.5800, 4.6199



0.6143, 0.3096, 0.3481

Previews

White Background



This preview shows how the XYZ color 44.8182, 47.1684, 55.4574 looks on a white background.

Color Contrast Check

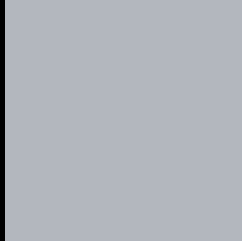
Large Text (above 18pt) WCAG AA × Fail

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 44.8182, 47.1684, 55.4574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

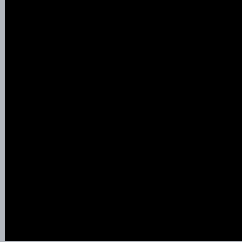
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8182, 47.1684, 55.4574

Background



This preview shows how black text looks on a background with the XYZ color 44.8182, 47.1684, 55.4574.



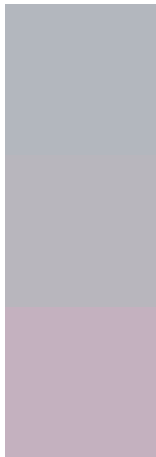
This preview shows how white text looks on a background with the XYZ color 44.8182, 47.1684,

55.4574.

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

44.8182, 47.1684, 55.4574

Protanopia

45.6804, 47.3204, 54.8702

Deuteranopia

47.8911, 46.9416, 55.8267



Tritanopia

45.5141, 47.1447, 58.9255

Trichromacy



Original Color

44.8182, 47.1684, 55.4574

Protanomaly

45.2047, 47.0751, 54.8480

Deuteranomaly

46.7593, 46.9489, 55.8878

Tritanomaly

45.2879, 47.0542, 57.7344

Monochromacy



Original Color

44.8182, 47.1684, 55.4574

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.0878, 47.3572, 53.2188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8182, 47.1684, 55.4574 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(179, 183, 190) looks like.

```
.text, #text, p{  
    color:rgb(179, 183, 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(179, 183, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 183, 190) }
```

Border

The CSS property to change the border of an element to XYZ 44.8182, 47.1684, 55.4574 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(179, 183, 190) }
```


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

```
.border{ border-color:rgb(179, 183, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 183, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 183, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 183, 190);  
box-shadow:4px 4px 4px 4px rgb(179, 183,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8182, 47.1684, 55.4574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 183, 190) }
```

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

```
.background{ background-color: rgb(179,  
183, 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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