

Converting Colors

XYZ(44.4462, 48.6114, 55.1852)

Have a look what the booklet for
XYZ(44.4462, 48.6114, 55.1852)
contains.

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Color

**XYZ(44.4021, 48.5248,
55.1701)**

Conversions

Conversions Part 1

Format	Color
Hex	ADBCBD
RGB	173, 188, 189
RGB Percent	68%, 74%, 74%
CMY	0.3216, 0.2627, 0.2588
CMYK	0.08, 0.01, 0.00, 0.26
HSL	184°, 11%, 71%
HSV	184°, 8%, 74%
XYZ	44.4021, 48.5248, 55.1701
YIQ	183.6290, -9.2610, -2.8690

Conversions

Conversions Part 2

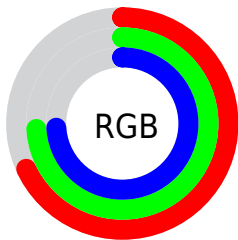
Format	Color
RYB	173, 181, 189
Decimal	11386045
CIELab	75.15, -4.94, -2.28
CIELCh	75, 5.445, 204.774
Yxy	48.5248, 0.2998, 0.3277
Android (android.graphics.Color)	4289576125 (0xFFADBCBD)
YUV	183.6290, 2.6479, -9.3216
Hunter-Lab	69.6597, -8.1261, 1.8045

Details

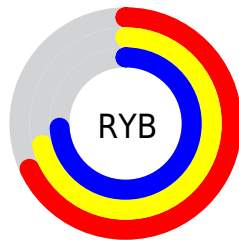
The XYZ color **44.4021, 48.5248, 55.1701** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6653, 44.1077, 45.7482**, and the grayscale version is **45.3460, 47.7076, 51.9535**.

A 20% lighter version of the original color is **80.8270, 87.7879, 99.0709**, and **20.9931, 23.1705, 26.6584** is the 20% darker color. If you saturate the color by 10%, you get **40.2647, 46.0212, 54.9057**, and if you desaturate by 10%, it is **49.1356, 51.3414, 55.4650**.

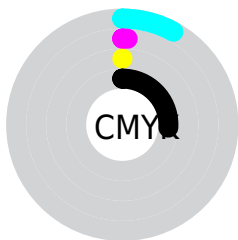
Distribution



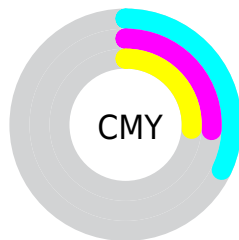
- Red (68%)
- Green (74%)
- Blue (74%)



- Red (68%)
- Yellow (71%)
- Blue (74%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (32%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4021, 48.5248, 55.1701 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 44.4021, 48.5248, 55.1701 by changing the saturation by 10% instead.

■ 44.4021, 48.5248,
55.1701

■ 44.4021, 48.5248,
55.1701

355.1712,
380.8686, 423.8565

■ 31.1860, 34.2427,
39.1384

■ 81.0651, 87.9853,
99.2638

■ 20.8931, 23.0801,
26.5588

105.2427,
113.9324, 128.1629

■ 13.1579, 14.6527,
17.0126

133.8048,
144.5366, 162.1881

■ 7.6151, 8.5760,
10.0814

167.1169,
180.1824, 201.7581

■ 3.8994, 4.4657,
5.3467

205.5442,
221.2541, 247.2915

■ 1.6454, 1.9373,
2.3898

249.4521,

■ 0.4217, 0.5707,

268.1361, 299.2066

0.7809

299.2060,
321.2128, 357.9221

■ 0.0000, 0.0000,
0.0000

■ 44.4021, 48.5248,
55.1701

■ 44.4021, 48.5248,
55.1701

■ 40.2647, 46.0212,
54.9057

■ 49.1356, 51.3414,
55.4650

■ 36.6945, 43.8117,
54.6674

■ 54.4842, 54.4768,
55.7883

■ 33.6665, 41.8848,
54.4550

■ 60.4713, 57.9445,
56.1421

■ 31.1520, 40.2256,
54.2673

■ 67.1178, 61.7551,
56.5273

■ 29.1201, 38.8182,
54.1027

■ 69.6935, 63.4703,
56.7226

■ 27.5360, 37.6447,
53.9597

■ 69.9565, 63.9963,
56.8103

■ 26.3607, 36.6849,
53.8364

■ 70.2216, 64.5265,
56.8986

■ 25.5483, 35.9152,
53.7307

■ 70.4888, 65.0608,
56.9877

■ 25.0238, 35.2969,
53.6390

■ 70.7580, 65.5993,
57.0775

Harmonies

Analogous

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



44.2380, 48.5248, 52.3366



44.4021, 48.5248, 55.1701



45.0241, 48.5248, 57.4495

Triad

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



44.4021, 48.5248, 55.1701



47.7056, 48.5248, 56.0666



46.2962, 48.5248, 47.5529

Complementary

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



44.4021, 48.5248, 55.1701



43.6653, 44.1077, 45.7482

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.



47.2363, 48.5248, 48.4749



44.4021, 48.5248, 55.1701



48.0574, 48.5248, 53.3370

Square

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



44.4021, 48.5248, 55.1701



46.9296, 48.5248, 57.9801



47.8845, 48.5248, 50.5672



45.3225, 48.5248, 48.0041

Rectangle

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



44.4021, 48.5248, 55.1701



45.6196, 48.5248, 58.3134



47.8845, 48.5248, 50.5672



46.6268, 48.5248, 47.7115

Sweetspot

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



44.4035, 48.5268, 55.1712



83.9822, 89.5711, 99.0888



43.0524, 48.3284, 47.0022



17.9129, 19.1744, 21.2995



90.7827, 95.5105, 104.0109



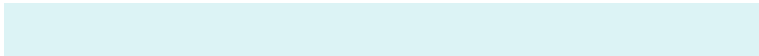
18.6292, 19.5994, 21.3438

Same Dimension

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



44.4035, 48.5268, 55.1712



78.1958, 86.1116, 98.7260



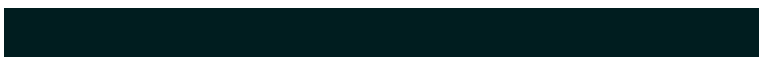
42.7813, 45.2825, 54.6304



9.7563, 10.7049, 12.2242



16.8089, 23.7296, 36.0872



0.6740, 0.9606, 1.4187

Inverse Universe

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



45.0080, 44.3377, 53.7652



79.4829, 77.2187, 95.7270



45.2169, 47.2108, 46.2653



9.9036, 9.6857, 11.8813



19.4851, 9.4252, 28.9120



0.7711, 0.3723, 1.1738

Previews

White Background



This preview shows how the XYZ color 44.4021, 48.5248, 55.1701 looks on a white background.

Color Contrast Check

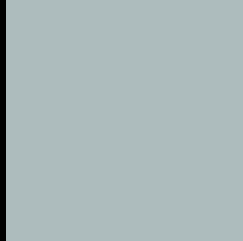
Large Text (above 18pt) WCAG AA × Fail

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 44.4021, 48.5248, 55.1701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

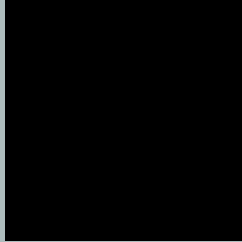
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

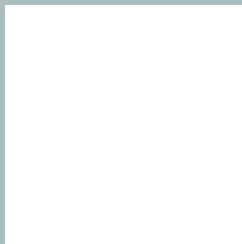
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.4021, 48.5248, 55.1701

Background



This preview shows how black text looks on a background with the XYZ color 44.4021, 48.5248, 55.1701.



This preview shows how white text looks on a background with the XYZ color 44.4021, 48.5248,

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

44.4021, 48.5248, 55.1701

Protanopia

46.6036, 48.4336, 53.9061

Deuteranopia

49.3435, 48.2811, 56.0087



Tritanopia

45.7807, 48.4488, 62.1970

Trichromacy



Original Color

44.4021, 48.5248, 55.1701

Protanomaly

45.7175, 48.2738, 54.4852

Deuteranomaly

47.2574, 48.1208, 55.5127

Tritanomaly

45.3039, 48.5705, 59.8106

Monochromacy



Original Color

44.4021, 48.5248, 55.1701

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.0343, 47.9464, 53.3354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4021, 48.5248, 55.1701 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, 188, 189)` looks like.

```
.text, #text, p{  
    color:rgb(173, 188, 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(173, 188, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 188, 189) }
```

Border

The CSS property to change the border of an element to XYZ 44.4021, 48.5248, 55.1701 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, 188, 189) }
```


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

```
.border{ border-color:rgb(173, 188, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 188, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 188, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 188, 189);  
box-shadow:4px 4px 4px 4px rgb(173, 188,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4021, 48.5248, 55.1701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 188, 189) }
```

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

```
.background{ background-color: rgb(173,  
188, 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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