

Converting Colors

XYZ(44.4275, 46.8704, 54.2828)

Have a look what the booklet for
XYZ(44.4275, 46.8704, 54.2828)
contains.

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Color

**XYZ(44.6010, 47.0815,
54.3139)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B7BC
RGB	179, 183, 188
RGB Percent	70%, 72%, 74%
CMY	0.2980, 0.2823, 0.2627
CMYK	0.05, 0.03, 0.00, 0.26
HSL	213°, 6%, 72%
HSV	213°, 5%, 74%
XYZ	44.6010, 47.0815, 54.3139
YIQ	182.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

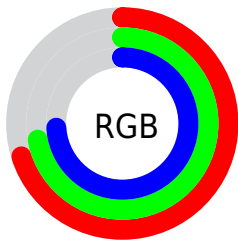
Format	Color
RYB	179, 182, 188
Decimal	11777980
CIELab	74.24, -0.43, -3.03
CIElCh	74, 3.057, 261.897
Yxy	47.0815, 0.3055, 0.3225
Android (android.graphics.Color)	4289968060 (0xFFB3B7BC)
YUV	182.3740, 2.7736, -2.9590
Hunter-Lab	68.6160, -4.0513, 1.0994

Details

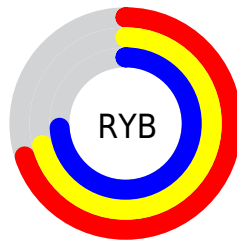
The XYZ color **44.6010, 47.0815, 54.3139** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0164, 48.2267, 49.5320**, and the grayscale version is **44.6553, 46.9809, 51.1622**.

A 20% lighter version of the original color is **81.4566, 85.9268, 97.8803**, and **20.9600, 22.1502, 26.0924** is the 20% darker color. If you saturate the color by 10%, you get **38.4751, 40.8461, 53.4339**, and if you desaturate by 10%, it is **51.4817, 53.9458, 55.2769**.

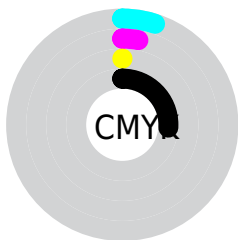
Distribution



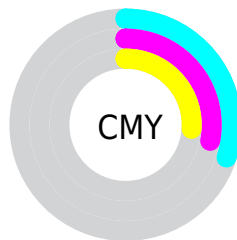
- Red (70%)
- Green (72%)
- Blue (74%)



- Red (70%)
- Yellow (71%)
- Blue (74%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6010, 47.0815, 54.3139 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 44.6010, 47.0815, 54.3139 by changing the saturation by 10% instead.

■ 44.6010, 47.0815,
54.3139

■ 44.6010, 47.0815,
54.3139

355.9661,
375.1398, 420.5143

■ 31.3432, 33.1001,
38.4578

■ 81.3621, 85.8353,
97.9960

■ 21.0134, 22.2031,
26.0336

105.5961,
111.3764, 126.6591

■ 13.2463, 14.0062,
16.6228

134.2196,
141.5396, 160.4283

■ 7.6766, 8.1250,
9.8068

167.5979,
176.7092, 199.7221

■ 3.9387, 4.1750,
5.1671

206.0963,
217.2696, 244.9591

■ 1.6675, 1.7720,
2.2852

250.0802,

■ 0.4358, 0.4696,

263.6052, 296.5577

0.7229

299.9151,
316.1005, 354.9366

■ 0.0000, 0.0000,
0.0000

■ 44.6010, 47.0815,
54.3139

■ 44.6010, 47.0815,
54.3139

■ 38.4751, 40.8461,
53.4339

■ 51.4817, 53.9458,
55.2769

■ 33.0728, 35.2143,
52.6316

■ 59.1390, 61.4511,
56.3220

■ 28.3664, 30.1679,
51.9056

■ 67.5987, 69.6169,
57.4523

■ 24.3248, 25.6856,
51.2535

■ 76.8843, 78.4599,
58.6697

■ 20.9146, 21.7441,
50.6724

■ 80.0821, 84.4206,
59.6517

■ 18.0989, 18.3189,
50.1597

■ 83.1624, 90.5812,
60.6785

■ 15.8369, 15.3824,
49.7121

■ 86.0772, 96.4109,
61.6501

■ 14.0816, 12.9041,
49.3263

■ 12.7770, 10.8483,
48.9982

Harmonies

Analogous

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



44.1016, 47.0815, 53.6785



44.6010, 47.0815, 54.3139



45.1442, 47.0815, 54.1189

Triad

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



44.6010, 47.0815, 54.3139



45.7357, 47.0815, 50.1451



43.9244, 47.0815, 49.4216

Complementary

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



44.6010, 47.0815, 54.3139



46.0164, 48.2267, 49.5320

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.



44.3572, 47.0815, 48.5108



44.6010, 47.0815, 54.3139



45.4038, 47.0815, 48.9225

Square

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



44.6010, 47.0815, 54.3139



45.8023, 47.0815, 51.6908



44.8984, 47.0815, 48.3300



43.7131, 47.0815, 50.8390

Rectangle

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



44.6010, 47.0815, 54.3139



45.4579, 47.0815, 53.5460



44.8984, 47.0815, 48.3300



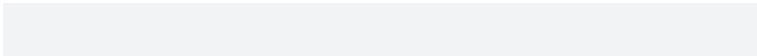
44.0486, 47.0815, 49.0473

Sweetspot

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



44.6024, 47.0835, 54.3149



85.3725, 89.8853, 99.0762



45.2209, 49.0095, 52.3971



18.3728, 19.3433, 21.3078



90.7827, 95.5105, 104.0109



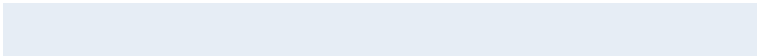
18.6292, 19.5994, 21.3438

Same Dimension

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



44.6024, 47.0835, 54.3149



79.3014, 83.7847, 98.2186



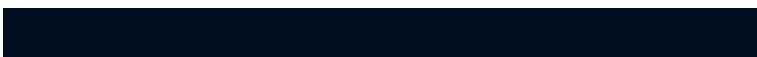
43.8926, 45.5093, 54.0485



9.7506, 10.3048, 12.1473



8.3902, 6.8921, 33.2810



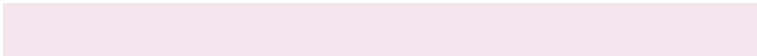
0.3939, 0.4005, 1.3254

Inverse Universe

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



45.4074, 46.3514, 51.3555



81.1486, 82.1262, 91.4237



46.7490, 49.8562, 49.8079



9.9956, 10.0858, 11.2459



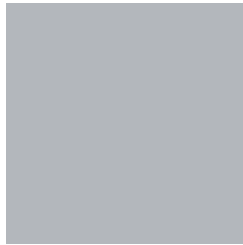
15.2357, 7.7254, 6.5350



0.6297, 0.3158, 0.4295

Previews

White Background



This preview shows how the XYZ color 44.6010, 47.0815, 54.3139 looks on a white background.

Color Contrast Check

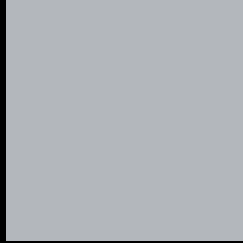
Large Text (above 18pt) WCAG AA × Fail

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 44.6010, 47.0815, 54.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

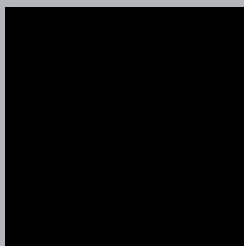
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

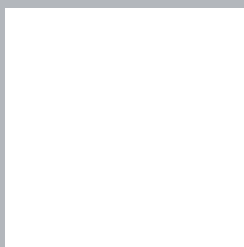
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.6010, 47.0815, 54.3139

Background



This preview shows how black text looks on a background with the XYZ color 44.6010, 47.0815, 54.3139.



This preview shows how white text looks on a background with the XYZ color 44.6010, 47.0815,

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

44.6010, 47.0815, 54.3139

Protanopia

45.2607, 46.8260, 53.6665

Deuteranopia

47.9334, 46.9887, 54.6875



Tritanopia

45.5141, 47.1447, 58.9255

Trichromacy



Original Color

44.6010, 47.0815, 54.3139

Protanomaly

44.9890, 46.9888, 53.7123

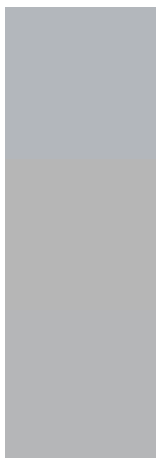
Deuteranomaly

46.5406, 46.8615, 54.7363

Tritanomaly

45.1760, 47.0095, 57.1448

Monochromacy



Original Color

44.6010, 47.0815, 54.3139

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.4357, 46.7403, 52.0272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6010, 47.0815, 54.3139 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(179, 183, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 183, 188) }
```

Border

The CSS property to change the border of an element to XYZ 44.6010, 47.0815, 54.3139 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, 188) }
```


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

```
.border{ border-color:rgb(179, 183, 188) }
```

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, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(179, 183,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6010, 47.0815, 54.3139 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, 188) }
```

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

```
.background{ background-color: rgb(179,  
183, 188) }
```

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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