

Converting Colors

XYZ(44.7671, 47.1660, 56.1679)

Have a look what the booklet for
XYZ(44.7671, 47.1660, 56.1679)
contains.

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Color

**XYZ(44.6976, 47.0935,
56.0244)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B7BF
RGB	178, 183, 191
RGB Percent	70%, 72%, 75%
CMY	0.3020, 0.2823, 0.2510
CMYK	0.07, 0.04, 0.00, 0.25
HSL	217°, 9%, 72%
HSV	217°, 7%, 75%
XYZ	44.6976, 47.0935, 56.0244
YIQ	182.4170, -5.5480, 1.4280

Conversions

Conversions Part 2

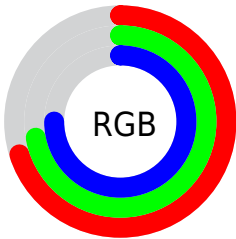
Format	Color
RYB	178, 182, 191
Decimal	11712447
CIELab	74.25, -0.18, -4.66
CIELCh	74, 4.665, 267.744
Yxy	47.0935, 0.3024, 0.3186
Android (android.graphics.Color)	4289902527 (0xFFB2B7BF)
YUV	182.4170, 4.2314, -3.8737
Hunter-Lab	68.6247, -3.8301, -0.3664

Details

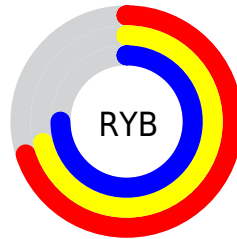
The XYZ color **44.6976, 47.0935, 56.0244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0810, 49.4084, 49.1758**, and the grayscale version is **44.6717, 46.9981, 51.1809**.

A 20% lighter version of the original color is **81.5867, 85.9408, 100.2838**, and **21.0275, 22.1602, 27.2138** is the 20% darker color. If you saturate the color by 10%, you get **38.2936, 40.3443, 55.0599**, and if you desaturate by 10%, it is **51.9169, 54.5660, 57.0870**.

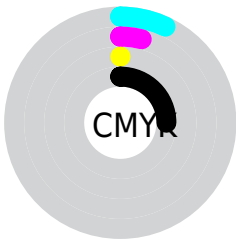
Distribution



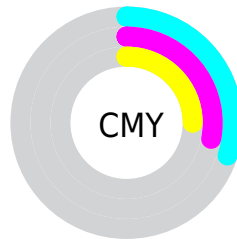
- Red (70%)
- Green (72%)
- Blue (75%)



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



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6976, 47.0935, 56.0244 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 44.6976, 47.0935, 56.0244 by changing the saturation by 10% instead.

■ 44.6976, 47.0935,
56.0244

■ 44.6976, 47.0935,
56.0244

356.3518,
375.1876, 427.1743

■ 31.4196, 33.1096,
39.8184

■ 81.5063, 85.8532,
100.5264

■ 21.0719, 22.2104,
27.0842

105.7677,
111.3977, 129.6594

■ 13.2894, 14.0116,
17.4035

134.4209,
141.5646, 163.9386

■ 7.7065, 8.1287,
10.3576

167.8313,
176.7382, 203.7823

■ 3.9579, 4.1774,
5.5280

206.3642,
217.3029, 249.6092

■ 1.6784, 1.7733,
2.4962

250.3850,

■ 0.4427, 0.4704,

263.6431, 301.8378

0.8381

300.2591,
316.1432, 360.8867

■ 0.0000, 0.0000,
0.0000

■ 44.6976, 47.0935,
56.0244

■ 44.6976, 47.0935,
56.0244

■ 38.2936, 40.3443,
55.0599

■ 51.9169, 54.5660,
57.0870

■ 32.6708, 34.2896,
54.1876

■ 59.9758, 62.7775,
58.2472

■ 27.7987, 28.9074,
53.4055

■ 68.9026, 71.7506,
59.5087

■ 23.6430, 24.1722,
52.7106

■ 78.7230, 81.5052,
60.8739

■ 20.1668, 20.0566,
52.0994

■ 82.3237, 88.3807,
62.0113

■ 17.3294, 16.5310,
51.5684

■ 85.9295, 95.5923,
63.2132

■ 15.0854, 13.5630,
51.1138

■ 86.4041, 96.5416,
63.3714

■ 13.3825, 11.1158,
50.7312

■ 12.1519, 9.1439,
50.4155

Harmonies

Analogous

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



43.9070, 47.0935, 55.2765



44.6976, 47.0935, 56.0244



45.5148, 47.0935, 55.4676

Triad

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



44.6976, 47.0935, 56.0244



46.2013, 47.0935, 49.1598



43.4129, 47.0935, 48.8547

Complementary

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



44.6976, 47.0935, 56.0244



47.0810, 49.4084, 49.1758

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.



44.0155, 47.0935, 47.3026



44.6976, 47.0935, 56.0244



45.6259, 47.0935, 47.4748

Square

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



44.6976, 47.0935, 56.0244



46.3894, 47.0935, 51.4586



44.8244, 47.0935, 46.8053



43.1711, 47.0935, 51.0955

Rectangle

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



44.6976, 47.0935, 56.0244



45.9634, 47.0935, 54.4409



44.8244, 47.0935, 46.8053



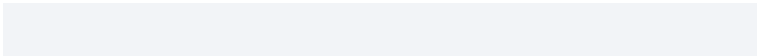
43.5797, 47.0935, 48.2378

Sweetspot

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



44.6990, 47.0955, 56.0254



86.0420, 90.5717, 101.2263



45.8335, 50.2641, 53.6301



18.9228, 19.9185, 22.2326



92.9021, 97.7402, 106.4391



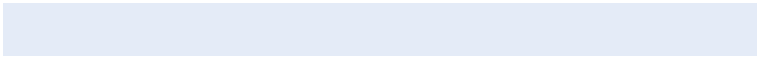
19.4759, 20.4902, 22.3138

Same Dimension

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



44.6990, 47.0955, 56.0254



78.4576, 82.6772, 100.1023



43.9851, 45.2229, 55.7016



9.3094, 9.8111, 12.0753



7.8402, 5.7922, 33.0977



0.3708, 0.3544, 1.3177

Inverse Universe

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



45.9546, 46.3371, 51.3239



81.1253, 81.0923, 90.1076



47.8278, 51.3853, 49.5180



9.6780, 9.5955, 10.6935



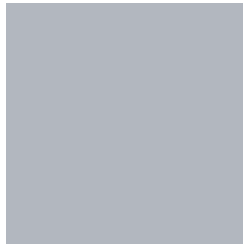
14.9582, 7.6144, 5.0732



0.6181, 0.3111, 0.3681

Previews

White Background



This preview shows how the XYZ color 44.6976, 47.0935, 56.0244 looks on a white background.

Color Contrast Check

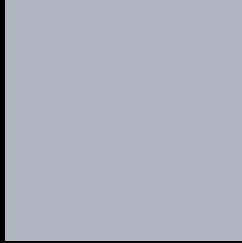
Large Text (above 18pt) WCAG AA × Fail

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 44.6976, 47.0935, 56.0244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

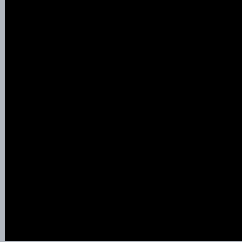
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

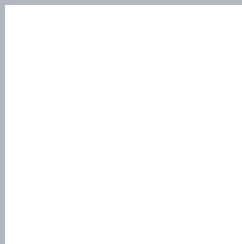
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.6976, 47.0935, 56.0244

Background



This preview shows how black text looks on a background with the XYZ color 44.6976, 47.0935, 56.0244.



This preview shows how white text looks on a background with the XYZ color 44.6976, 47.0935,

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

44.6976, 47.0935, 56.0244

Protanopia

45.3466, 46.8327, 55.3648

Deuteranopia

48.0015, 46.9858, 56.4084



Tritanopia

45.3964, 47.0708, 59.5163

Trichromacy



Original Color

44.6976, 47.0935, 56.0244

Protanomaly

45.0783, 46.9974, 55.4107

Deuteranomaly

46.6208, 46.8648, 56.4578

Tritanomaly

45.1687, 46.9797, 58.3171

Monochromacy



Original Color

44.6976, 47.0935, 56.0244

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.5410, 46.7824, 52.5813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6976, 47.0935, 56.0244 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(178, 183, 191) looks like.

```
.text, #text, p{  
    color:rgb(178, 183, 191)  
}
```

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(178, 183, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 183, 191) }
```

Border

The CSS property to change the border of an element to XYZ 44.6976, 47.0935, 56.0244 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(178, 183, 191) }
```


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

```
.border{ border-color:rgb(178, 183, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 183, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 183, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 183, 191);  
box-shadow:4px 4px 4px 4px rgb(178, 183,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6976, 47.0935, 56.0244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 183, 191) }
```

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

```
.background{ background-color: rgb(178,  
183, 191) }
```

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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