

Converting Colors

XYZ(44.4172, 47.0635, 61.7950)

Have a look what the booklet for
XYZ(44.4172, 47.0635, 61.7950)
contains.

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Color

**XYZ(44.4777, 47.1560,
62.0161)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB8C9
RGB	171, 184, 201
RGB Percent	67%, 72%, 79%
CMY	0.3294, 0.2784, 0.2118
CMYK	0.15, 0.08, 0.00, 0.21
HSL	214°, 22%, 73%
HSV	214°, 15%, 79%
XYZ	44.4777, 47.1560, 62.0161
YIQ	182.0510, -13.2050, 2.5310

Conversions

Conversions Part 2

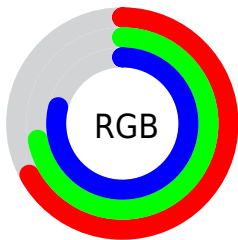
Format	Color
R_{YB}	171, 180, 201
Decimal	11253961
CIE _{Lab}	74.29, -0.99, -10.11
CIE _{LCh}	74, 10.162, 264.385
Yxy	47.1560, 0.2895, 0.3069
Android (android.graphics.Color)	4289444041 (0xFFABB8C9)
YUV	182.0510, 9.3419, -9.6917
Hunter-Lab	68.6702, -4.5585, -5.4757

Details

The XYZ color **44.4777, 47.1560, 62.0161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4215, 51.3240, 45.8307**, and the grayscale version is **44.4482, 46.7630, 50.9249**.

A 20% lighter version of the original color is **80.8886, 85.8711, 106.9192**, and **20.9905, 22.2611, 30.7943** is the 20% darker color. If you saturate the color by 10%, you get **38.1570, 40.5270, 61.0705**, and if you desaturate by 10%, it is **51.6574, 54.5130, 63.0585**.

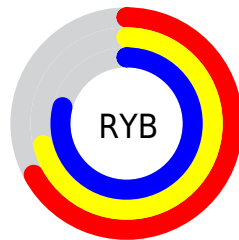
Distribution



Red (67%)

Green (72%)

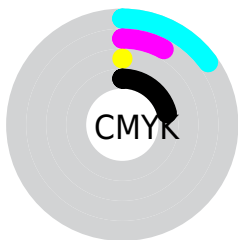
Blue (79%)



Red (67%)

Yellow (71%)

Blue (79%)

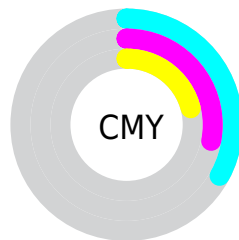


Cyan (15%)

Magenta (8%)

Yellow (0%)

Black (21%)



Cyan (33%)

Magenta (28%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4777, 47.1560, 62.0161 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 44.4777, 47.1560, 62.0161 by changing the saturation by 10% instead.

■ 44.4777, 47.1560,
62.0161

■ 44.4777, 47.1560,
62.0161

355.4735,
375.4369, 449.9991

■ 31.2458, 33.1590,
44.6098

■ 81.1780, 85.9464,
109.3206

■ 20.9388, 22.2483,
30.8095

105.3770,
111.5087, 140.0560

■ 13.1915, 14.0394,
20.1966

133.9625,
141.6947, 176.0714

■ 7.6384, 8.1481,
12.3525

167.2997,
176.8891, 217.7855

■ 3.9143, 4.1899,
6.8588

205.7541,
217.4761, 265.6168

■ 1.6538, 1.7803,
3.2968

249.6909,

■ 0.4271, 0.4749,

263.8401, 319.9838

1.2481

299.4756,
316.3656, 381.3050

■ 0.0000, 0.0000,
0.0187

■ 0.0000, 0.0000,
0.0000

■ 44.4777, 47.1560,
62.0161

■ 44.4777, 47.1560,
62.0161

■ 38.1570, 40.5270,
61.0705

■ 51.6574, 54.5130,
63.0585

■ 32.6568, 34.5959,
60.2155

■ 59.7244, 62.6154,
64.1972

■ 27.9415, 29.3387,
59.4493

■ 68.7107, 71.4869,
65.4360

■ 23.9713, 24.7277,
58.7686

■ 78.6453, 81.1487,
66.7773

■ 20.7023, 20.7328,
58.1698

■ 83.2220, 88.3556,
67.9271

■ 18.0859, 17.3213,
57.6492

■ 86.6981, 95.3079,
69.0858

■ 16.0662, 14.4560,
57.2026

■ 87.5428, 96.9971,
69.3674

■ 14.5758, 12.0937,
56.8251

■ 13.9605, 11.0526,
56.6566

Harmonies

Analogous

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



42.8067, 47.1560, 59.9608



44.4777, 47.1560, 62.0161



46.2856, 47.1560, 61.0585

Triad

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



44.4777, 47.1560, 62.0161



48.0948, 47.1560, 47.3043



42.0263, 47.1560, 45.7091

Complementary

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



44.4777, 47.1560, 62.0161



49.4215, 51.3240, 45.8307

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.



43.3864, 47.1560, 42.7203



44.4777, 47.1560, 62.0161



46.8962, 47.1560, 43.5966

Square

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



44.4777, 47.1560, 62.0161



48.4061, 47.1560, 52.3350



45.1648, 47.1560, 41.9739



41.4162, 47.1560, 50.3673

Rectangle

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



44.4777, 47.1560, 62.0161



47.3214, 47.1560, 58.8714



45.1648, 47.1560, 41.9739



42.4091, 47.1560, 44.4888

Sweetspot

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



44.4791, 47.1580, 62.0172



89.5804, 94.4845, 108.1237



46.7053, 54.0413, 55.2651



18.9598, 20.0066, 23.1123



0.0000, 0.0000, 0.0000



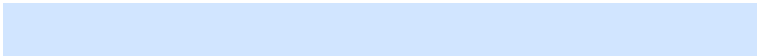
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4791, 47.1580, 62.0172



72.3905, 76.8252, 105.6211



42.2296, 42.1712, 61.1732



10.4285, 11.0310, 13.4970



8.8652, 7.1243, 35.6522



0.4915, 0.4807, 1.7120

Inverse Universe

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



47.3031, 45.0051, 51.5434



78.2070, 72.5668, 84.0092



51.9242, 56.9250, 46.7799



10.8215, 10.7120, 12.0436



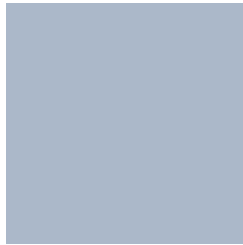
16.2741, 8.2592, 6.6531



0.8068, 0.4055, 0.5056

Previews

White Background



This preview shows how the XYZ color 44.4777, 47.1560, 62.0161 looks on a white background.

Color Contrast Check

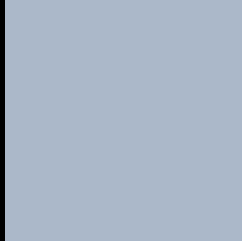
Large Text (above 18pt) WCAG AA × Fail

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 44.4777, 47.1560, 62.0161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

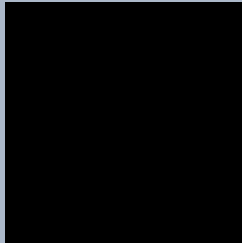
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4777, 47.1560, 62.0161

Background



This preview shows how black text looks on a background with the XYZ color 44.4777, 47.1560, 62.0161.



This preview shows how white text looks on a background with the XYZ color 44.4777, 47.1560,

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

44.4777, 47.1560, 62.0161

Protanopia

45.8887, 46.9950, 60.6852

Deuteranopia

48.0669, 47.1814, 62.4506



Tritanopia

44.2439, 47.0624, 60.7849

Trichromacy



Original Color

44.4777, 47.1560, 62.0161

Protanomaly

45.2847, 46.9731, 61.3235

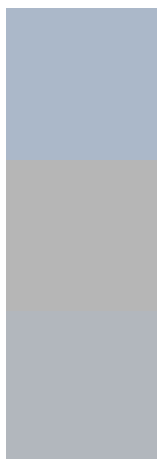
Deuteranomaly

46.7491, 47.0971, 62.5038

Tritanomaly

44.3604, 47.1090, 61.3985

Monochromacy



Original Color

44.4777, 47.1560, 62.0161

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.4789, 47.0061, 54.8729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4777, 47.1560, 62.0161 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(171, 184, 201)` looks like.

```
.text, #text, p{  
    color:rgb(171, 184, 201)  
}
```

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(171, 184, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 184, 201) }
```

Border

The CSS property to change the border of an element to XYZ 44.4777, 47.1560, 62.0161 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(171, 184, 201) }
```


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

```
.border{ border-color:rgb(171, 184, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 184, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 184, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 184, 201);  
box-shadow:4px 4px 4px 4px rgb(171, 184,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4777, 47.1560, 62.0161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 184, 201) }
```

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

```
.background{ background-color: rgb(171,  
184, 201) }
```

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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