

Converting Colors

XYZ(43.5346, 47.8230, 68.3883)

Have a look what the booklet for
XYZ(43.5346, 47.8230, 68.3883)
contains.

XYZ(43.4514, 47.7375, 68.5521)	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(43.4514, 47.7375,
68.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	9CBCD3
RGB	156, 188, 211
RGB Percent	61%, 74%, 83%
CMY	0.3882, 0.2627, 0.1725
CMYK	0.26, 0.11, 0.00, 0.17
HSL	205°, 38%, 72%
HSV	205°, 26%, 83%
XYZ	43.4514, 47.7375, 68.5521
YIQ	181.0540, -26.4550, 0.3690

Conversions

Conversions Part 2

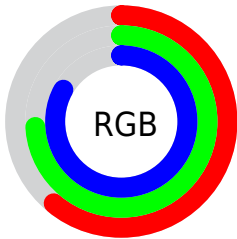
Format	Color
R _Y B	156, 176, 211
Decimal	10271955
CIE Lab	74.66, -5.60, -15.11
CIE LCh	75, 16.110, 249.672
Yxy	47.7375, 0.2720, 0.2988
Android (android.graphics.Color)	4288462035 (0xFF9CBCD3)
YUV	181.0540, 14.7634, -21.9724
Hunter-Lab	69.0923, -8.6549, -10.4618

Details

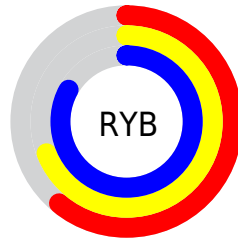
The XYZ color **43.4514, 47.7375, 68.5521** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.9854, 48.4897, 38.2314**, and the grayscale version is **43.8843, 46.1697, 50.2788**.

A 20% lighter version of the original color is **77.2647, 85.7703, 107.0908**, and **20.2582, 22.6118, 34.7493** is the 20% darker color. If you saturate the color by 10%, you get **37.8904, 42.1587, 67.7692**, and if you desaturate by 10%, it is **49.8398, 53.9162, 69.4088**.

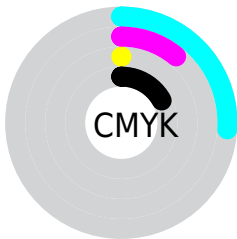
Distribution



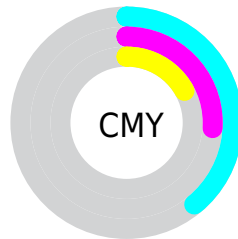
- Red (61%)
- Green (74%)
- Blue (83%)



- Red (61%)
- Yellow (69%)
- Blue (83%)



- Cyan (26%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)



- Cyan (39%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4514, 47.7375, 68.5521 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 43.4514, 47.7375, 68.5521 by changing the saturation by 10% instead.

■ 43.4514, 47.7375,
68.5521

■ 43.4514, 47.7375,
68.5521

351.3550,
377.7507, 474.1007

■ 30.4355, 33.6191,
49.8775

■ 79.6431, 86.8134,
118.8033

■ 20.3191, 22.6011,
34.9456

■ 103.5496,
112.5397, 151.2170

■ 12.7368, 14.2992,
23.3378

131.8170,
142.9041, 189.0475

■ 7.3233, 8.3291,
14.6355

164.8106,
178.2909, 232.7133

■ 3.7132, 4.3062,
8.4202

202.8959,
219.0846, 282.6330

■ 1.5412, 1.8463,
4.2734

246.4381,

■ 0.3536, 0.5158,

265.6695, 339.2251

1.7765

295.8027,
318.4301, 402.9082

■ 0.0000, 0.0000,
0.4124

■ 0.0000, 0.0000,
0.0000

■ 43.4514, 47.7375,
68.5521

■ 43.4514, 47.7375,
68.5521

■ 37.8904, 42.1587,
67.7692

■ 49.8398, 53.9162,
69.4088

■ 33.1137, 37.1512,
67.0544

■ 57.0873, 60.7107,
70.3383

■ 29.0807, 32.6919,
66.4062

■ 65.2291, 68.1430,
71.3438

■ 25.7451, 28.7539,
65.8219

■ 74.2970, 76.2325,
72.4273

■ 23.0547, 25.3070,
65.2984

■ 81.8880, 83.7432,
73.4769

■ 20.9493, 22.3167,
64.8322

■ 84.4360, 88.8392,
74.3262

■ 19.3539, 19.7407,
64.4190

■ 87.1105, 94.1881,
75.2177

■ 18.8127, 18.8125,
64.2684

■ 88.7580, 97.4832,
75.7669

Harmonies

Analogous

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



41.1893, 47.7375, 62.9279



43.4514, 47.7375, 68.5521



46.3224, 47.7375, 69.4853

Triad

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



43.4514, 47.7375, 68.5521



51.1329, 47.7375, 49.3243



41.8840, 47.7375, 40.5630

Complementary

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



43.4514, 47.7375, 68.5521



48.9854, 48.4897, 38.2314

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.



44.4367, 47.7375, 37.6901



43.4514, 47.7375, 68.5521



49.8310, 47.7375, 42.3783

Square

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



43.4514, 47.7375, 68.5521



50.8413, 47.7375, 57.7634



47.3506, 47.7375, 38.3170



40.3116, 47.7375, 46.5925

Rectangle

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



43.4514, 47.7375, 68.5521



48.2082, 47.7375, 67.2299



47.3506, 47.7375, 38.3170



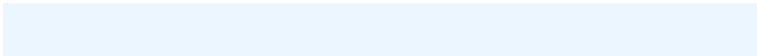
42.6514, 47.7375, 39.2271

Sweetspot

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



43.4529, 47.7394, 68.5532



85.2779, 91.0118, 107.6802



45.1339, 56.9087, 51.2104



17.8811, 19.1338, 23.0007



0.0000, 0.0000, 0.0000



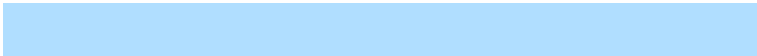
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4529, 47.7394, 68.5532



62.0500, 68.6578, 104.5896



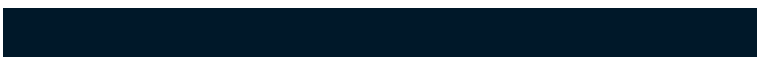
38.1415, 37.1167, 66.7827



11.7269, 12.5440, 15.0468



11.4566, 11.5598, 38.8199



0.7180, 0.8013, 2.1964

Inverse Universe

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



47.8307, 41.2579, 53.0217



69.9330, 57.5621, 76.4936



55.0373, 60.5936, 40.2487



12.0930, 11.9219, 13.7657



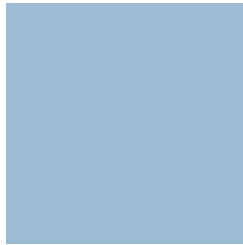
18.4135, 9.2382, 12.3496



1.0687, 0.5322, 0.8964

Previews

White Background



This preview shows how the XYZ color 43.4514, 47.7375, 68.5521 looks on a white background.

Color Contrast Check

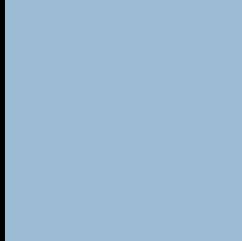
Large Text (above 18pt) WCAG AA × Fail

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 43.4514, 47.7375, 68.5521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

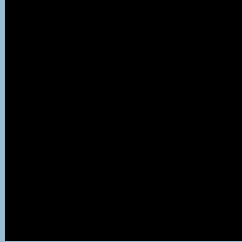
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4514, 47.7375, 68.5521

Background



This preview shows how black text looks on a background with the XYZ color 43.4514, 47.7375, 68.5521.



This preview shows how white text looks on a background with the XYZ color 43.4514, 47.7375,

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

43.4514, 47.7375, 68.5521

Protanopia

46.5808, 47.5446, 65.7534

Deuteranopia

48.6239, 47.6091, 69.5775



Tritanopia

42.6142, 47.7234, 64.0923

Trichromacy



Original Color

43.4514, 47.7375, 68.5521

Protanomaly

45.3202, 47.4930, 66.4529

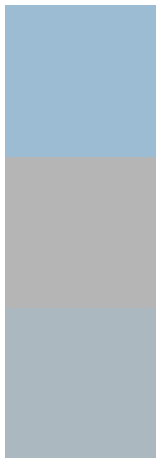
Deuteranomaly

46.5161, 47.4395, 68.9924

Tritanomaly

42.9776, 47.8687, 66.0059

Monochromacy



Original Color

43.4514, 47.7375, 68.5521

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.6682, 46.8574, 56.6120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4514, 47.7375, 68.5521 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(156, 188, 211)` looks like.

```
.text, #text, p{  
    color:rgb(156, 188, 211)  
}
```

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(156, 188, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 188, 211) }
```

Border

The CSS property to change the border of an element to XYZ 43.4514, 47.7375, 68.5521 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(156, 188, 211) }
```


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

```
.border{ border-color:rgb(156, 188, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 188, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 188, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 188, 211);  
box-shadow:4px 4px 4px 4px rgb(156, 188,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4514, 47.7375, 68.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 188, 211) }
```

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

```
.background{ background-color: rgb(156,  
188, 211) }
```

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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