

Converting Colors

XYZ(44.2216, 47.3871, 59.6392)

Have a look what the booklet for
XYZ(44.2216, 47.3871, 59.6392)
contains.

XYZ(44.2216, 47.3871, 59.6392)	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(44.2216, 47.3871,
59.6392)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB9C5
RGB	171, 185, 197
RGB Percent	67%, 73%, 77%
CMY	0.3294, 0.2745, 0.2274
CMYK	0.13, 0.06, 0.00, 0.23
HSL	208°, 18%, 72%
HSV	208°, 13%, 77%
XYZ	44.2216, 47.3871, 59.6392
YIQ	182.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

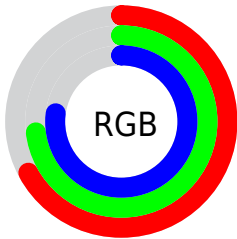
Format	Color
RYB	171, 180, 197
Decimal	11254213
CIELab	74.44, -2.38, -7.71
CIElCh	74, 8.071, 252.883
Yxy	47.3871, 0.2924, 0.3133
Android (android.graphics.Color)	4289444293 (0xFFABB9C5)
YUV	182.1820, 7.3053, -9.8066
Hunter-Lab	68.8383, -5.7989, -3.1801

Details

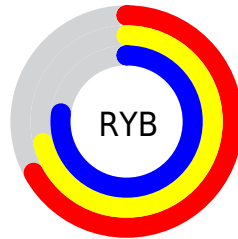
The XYZ color **44.2216, 47.3871, 59.6392** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3104, 48.6773, 45.4311**, and the grayscale version is **44.5299, 46.8489, 51.0185**.

A 20% lighter version of the original color is **80.7087, 86.2351, 106.1572**, and **20.8169, 22.4076, 29.2145** is the 20% darker color. If you saturate the color by 10%, you get **38.4052, 41.6564, 58.8404**, and if you desaturate by 10%, it is **50.8020, 53.6947, 60.5106**.

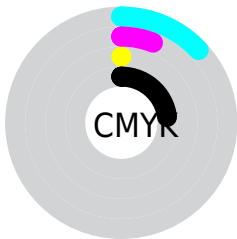
Distribution



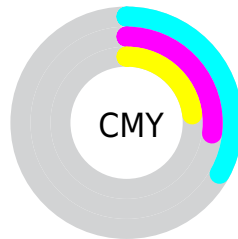
- Red (67%)
- Green (73%)
- Blue (77%)



- Red (67%)
- Yellow (71%)
- Blue (77%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2216, 47.3871, 59.6392 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 44.2216, 47.3871, 59.6392 by changing the saturation by 10% instead.

■ 44.2216, 47.3871,
59.6392

■ 44.2216, 47.3871,
59.6392

354.4488,
376.3576, 441.0343

■ 31.0434, 33.3418,
42.7045

■ 80.7954, 86.2912,
105.8443

■ 20.7839, 22.3884,
29.3236

104.9217,
111.9187, 135.9519

■ 13.0777, 14.1426,
19.0781

133.4281,
142.1757, 171.2874

■ 7.5594, 8.2199,
11.5493

166.6799,
177.4467, 212.2695

■ 3.8638, 4.2360,
6.3188

205.0425,
218.1159, 259.3167

■ 1.6254, 1.8064,
2.9680

248.8813,

■ 0.4089, 0.4912,

264.5679, 312.8475

1.0783

298.5616,
317.1870, 373.2805

■ 0.0000, 0.0000,
0.0000

■ 44.2216, 47.3871,
59.6392

■ 44.2216, 47.3871,
59.6392

■ 38.4052, 41.6564,
58.8404

■ 50.8020, 53.6947,
60.5106

■ 33.3181, 36.4776,
58.1089

■ 58.1707, 60.5912,
61.4534

■ 28.9291, 31.8324,
57.4436

■ 66.3564, 68.0958,
62.4705

■ 25.2030, 27.6990,
56.8422

■ 75.3847, 76.2248,
63.5637

■ 22.1010, 24.0540,
56.3021

■ 79.7420, 82.1389,
64.4756

■ 19.5802, 20.8713,
55.8206

■ 82.3448, 87.3445,
65.3432

■ 17.5913, 18.1216,
55.3947

■ 85.0816, 92.8181,
66.2554

■ 16.0754, 15.7705,
55.0208

■ 87.0782, 96.8113,
66.9210

■ 15.2423, 14.3596,
54.7924

Harmonies

Analogous

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



43.0209, 47.3871, 57.2434



44.2216, 47.3871, 59.6392



45.6667, 47.3871, 59.8081

Triad

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



44.2216, 47.3871, 59.6392



47.8227, 47.3871, 49.8305



43.1628, 47.3871, 45.9453

Complementary

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



44.2216, 47.3871, 59.6392



47.3104, 48.6773, 45.4311

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.



44.4191, 47.3871, 44.1732



44.2216, 47.3871, 59.6392



47.1213, 47.3871, 46.3337

Square

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



44.2216, 47.3871, 59.6392



47.7671, 47.3871, 53.9908



45.8685, 47.3871, 44.3115



42.4188, 47.3871, 49.2740

Rectangle

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



44.2216, 47.3871, 59.6392



46.5761, 47.3871, 58.6220



45.8685, 47.3871, 44.3115



43.5380, 47.3871, 45.1560

Sweetspot

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



44.2230, 47.3891, 59.6403



89.9133, 95.1502, 108.2346



45.2777, 51.9977, 52.2872



19.0440, 20.1750, 23.1404



0.0000, 0.0000, 0.0000



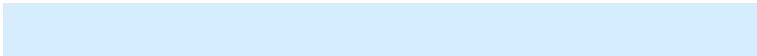
20.3446, 21.4041, 23.3091

Same Dimension

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



44.2230, 47.3891, 59.6403



75.8854, 81.6371, 106.3657



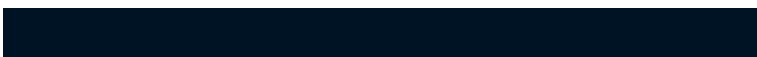
41.6832, 42.3094, 58.7937



10.5219, 11.2178, 13.5282



10.1098, 9.6136, 36.0671



0.5506, 0.5990, 1.7317

Inverse Universe

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



46.3469, 44.4999, 52.0479



80.5028, 75.5207, 89.8231



50.0497, 54.1560, 46.3442



10.8687, 10.7309, 12.2918



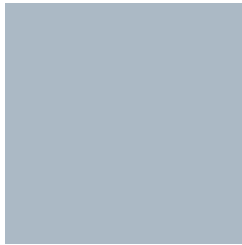
16.9023, 8.5105, 9.9613



0.8366, 0.4175, 0.6628

Previews

White Background



This preview shows how the XYZ color 44.2216, 47.3871, 59.6392 looks on a white background.

Color Contrast Check

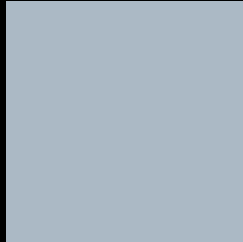
Large Text (above 18pt) WCAG AA × Fail

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 44.2216, 47.3871, 59.6392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

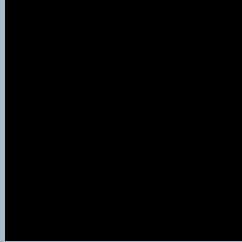
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

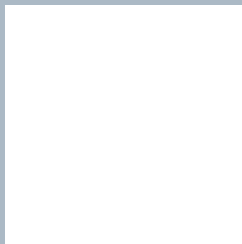
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2216, 47.3871, 59.6392

Background



This preview shows how black text looks on a background with the XYZ color 44.2216, 47.3871, 59.6392.

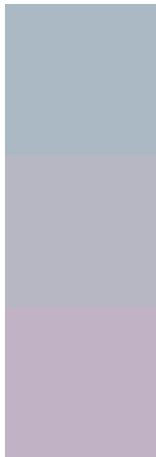


This preview shows how white text looks on a background with the XYZ color 44.2216, 47.3871,

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

44.2216, 47.3871, 59.6392

Protanopia

46.1067, 47.4633, 58.3610

Deuteranopia

48.1058, 47.2555, 60.0119



Tritanopia

44.4524, 47.4794, 60.8544

Trichromacy



Original Color

44.2216, 47.3871, 59.6392

Protanomaly

45.4877, 47.4362, 58.9832

Deuteranomaly

46.7245, 47.4393, 60.1201

Tritanomaly

44.3366, 47.4331, 60.2448

Monochromacy



Original Color

44.2216, 47.3871, 59.6392

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.2632, 46.9198, 53.7372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2216, 47.3871, 59.6392 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, 185, 197)` looks like.

```
.text, #text, p{  
    color:rgb(171, 185, 197)  
}
```

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, 185, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 185, 197) }
```

Border

The CSS property to change the border of an element to XYZ 44.2216, 47.3871, 59.6392 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, 185, 197) }
```


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

```
.border{ border-color:rgb(171, 185, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 185, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 185, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 185, 197);  
box-shadow:4px 4px 4px 4px rgb(171, 185,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2216, 47.3871, 59.6392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 185, 197) }
```

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

```
.background{ background-color: rgb(171,  
185, 197) }
```

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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