

Converting Colors

XYZ(48.0801, 51.9361, 65.9802)

Have a look what the booklet for
XYZ(48.0801, 51.9361, 65.9802)
contains.

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Color

**XYZ(47.8897, 51.7101,
65.8495)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC1CE
RGB	175, 193, 206
RGB Percent	69%, 76%, 81%
CMY	0.3137, 0.2431, 0.1922
CMYK	0.15, 0.06, 0.00, 0.19
HSL	205°, 24%, 75%
HSV	205°, 15%, 81%
XYZ	47.8897, 51.7101, 65.8495
YIQ	189.1000, -14.9010, 0.2270

Conversions

Conversions Part 2

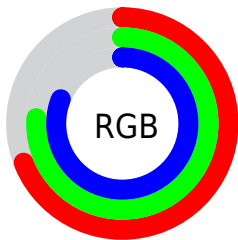
Format	Color
R _Y B	175, 186, 206
Decimal	11518414
CIE Lab	77.11, -3.46, -8.60
CIE LCh	77, 9.272, 248.108
Yxy	51.7101, 0.2895, 0.3125
Android (android.graphics.Color)	4289708494 (0xFFAFC1CE)
YUV	189.1000, 8.3317, -12.3657
Hunter-Lab	71.9097, -6.9665, -3.9565

Details

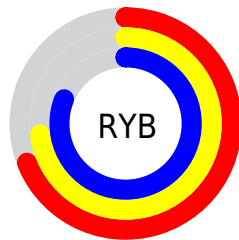
The XYZ color **47.8897, 51.7101, 65.8495** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1750, 52.1832, 47.9335**, and the grayscale version is **48.3881, 50.9081, 55.4389**.

A 20% lighter version of the original color is **84.8807, 91.9603, 107.8842**, and **23.0716, 25.1607, 33.3463** is the 20% darker color. If you saturate the color by 10%, you get **41.7606, 45.7995, 65.0325**, and if you desaturate by 10%, it is **54.8387, 58.2116, 66.7390**.

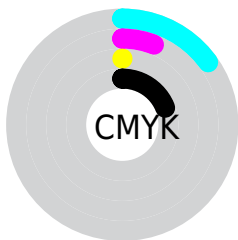
Distribution



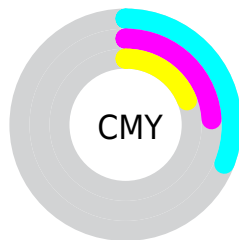
- Red (69%)
- Green (76%)
- Blue (81%)



- Red (69%)
- Yellow (73%)
- Blue (81%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (31%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8897, 51.7101, 65.8495 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 47.8897, 51.7101, 65.8495 by changing the saturation by 10% instead.

■ 47.8897, 51.7101,
65.8495

■ 47.8897, 51.7101,
65.8495

368.9446,
393.3164, 464.2280

■ 33.9504, 36.7741,
47.6945

■ 86.2508, 92.7036,
114.8952

■ 23.0182, 25.0326,
33.2268

111.4034,
119.5298, 146.6231

■ 14.7277, 16.1013,
22.0277

141.0245,
151.0881, 183.7123

■ 8.7136, 9.5959,
13.6787

175.4794,
187.7631, 226.5815

■ 4.6105, 5.1319,
7.7614

215.1335,
229.9390, 275.6490

■ 2.0530, 2.3248,
3.8571

260.3522,

■ 0.6634, 0.7868,

278.0002, 331.3336

1.5473

311.5008,
332.3313, 394.0538

■ 0.0000, 0.0000,
0.2528

■ 0.0000, 0.0000,
0.0000

■ 47.8897, 51.7101,
65.8495

■ 47.8897, 51.7101,
65.8495

■ 41.7606, 45.7995,
65.0325

■ 54.8387, 58.2116,
66.7390

■ 36.4131, 40.4533,
64.2824

■ 62.6347, 65.3167,
67.6995

■ 31.8125, 35.6520,
63.5982

■ 71.3092, 73.0455,
68.7341

■ 27.9195, 31.3724,
62.9773

■ 80.0011, 80.9570,
69.8031

■ 24.6908, 27.5891,
62.4172

■ 82.4307, 85.8161,
70.6129

■ 22.0781, 24.2741,
61.9151

■ 84.9805, 90.9159,
71.4629

■ 20.0252, 21.3953,
61.4676

■ 87.6524, 96.2596,
72.3535

■ 18.4646, 18.9145,
61.0710

■ 88.1407, 97.2363,
72.5163

■ 17.8130, 17.8008,
60.8904

Harmonies

Analogous

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



46.5170, 51.7101, 62.5414



47.8897, 51.7101, 65.8495



49.6309, 51.7101, 66.5245

Triad

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



47.8897, 51.7101, 65.8495



52.5990, 51.7101, 54.9387



47.0765, 51.7101, 48.9708

Complementary

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



47.8897, 51.7101, 65.8495



51.1750, 52.1832, 47.9335

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.



48.6700, 51.7101, 47.1870



47.8897, 51.7101, 65.8495



51.8782, 51.7101, 50.4949

Square

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



47.8897, 51.7101, 65.8495



52.3779, 51.7101, 60.0199



50.4300, 51.7101, 47.7278



46.0554, 51.7101, 52.7438

Rectangle

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



47.8897, 51.7101, 65.8495



50.7713, 51.7101, 65.3545



50.4300, 51.7101, 47.7278



47.5614, 51.7101, 48.1293

Sweetspot

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



47.8912, 51.7122, 65.8507



88.8321, 94.2981, 108.1271



48.8195, 56.8847, 55.9375



18.8328, 20.0165, 23.1209



0.0000, 0.0000, 0.0000



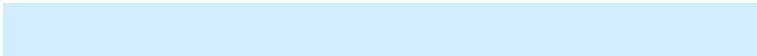
20.3446, 21.4041, 23.3091

Same Dimension

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



47.8912, 51.7122, 65.8507



74.2979, 80.6402, 106.2569



44.6583, 45.2464, 64.7730



11.1338, 11.9080, 14.2820



11.0663, 11.1566, 37.5265



0.6449, 0.7236, 1.9606

Inverse Universe

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



50.4104, 47.6331, 56.9917



79.1698, 72.9519, 89.0793



54.6468, 59.1268, 49.0908



11.4809, 11.3211, 13.0670



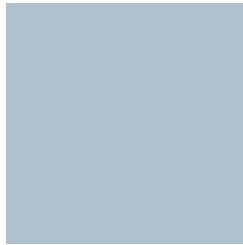
17.7967, 8.9293, 11.9138



0.9555, 0.4756, 0.8113

Previews

White Background



This preview shows how the XYZ color 47.8897, 51.7101, 65.8495 looks on a white background.

Color Contrast Check

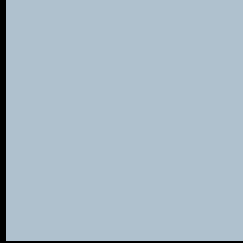
Large Text (above 18pt) WCAG AA × Fail

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 47.8897, 51.7101, 65.8495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

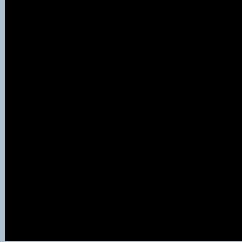
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

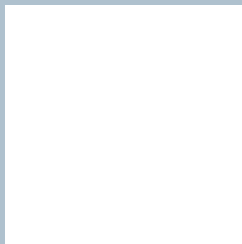
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.8897, 51.7101, 65.8495

Background



This preview shows how black text looks on a background with the XYZ color 47.8897, 51.7101, 65.8495.



This preview shows how white text looks on a background with the XYZ color 47.8897, 51.7101,

65.8495.

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

47.8897, 51.7101, 65.8495

Protanopia

50.3319, 51.7020, 64.4534

Deuteranopia

52.8215, 51.6695, 66.8637



Tritanopia

48.1343, 51.8080, 67.1375

Trichromacy



Original Color

47.8897, 51.7101, 65.8495

Protanomaly

49.4405, 51.5490, 65.1018

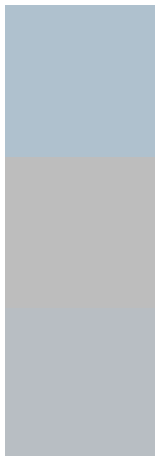
Deuteranomaly

50.9839, 51.6779, 66.3192

Tritanomaly

48.0116, 51.7589, 66.4915

Monochromacy



Original Color

47.8897, 51.7101, 65.8495

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.0309, 50.9574, 58.9340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8897, 51.7101, 65.8495 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(175, 193, 206)` looks like.

```
.text, #text, p{  
    color:rgb(175, 193, 206)  
}
```

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(175, 193, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 193, 206) }
```

Border

The CSS property to change the border of an element to XYZ 47.8897, 51.7101, 65.8495 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(175, 193, 206) }
```


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

```
.border{ border-color:rgb(175, 193, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 193, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 193, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 193, 206);  
box-shadow:4px 4px 4px 4px rgb(175, 193,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8897, 51.7101, 65.8495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 193, 206) }
```

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

```
.background{ background-color: rgb(175,  
193, 206) }
```

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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