

Converting Colors

XYZ(47.2906, 50.1139, 68.2284)

Have a look what the booklet for
XYZ(47.2906, 50.1139, 68.2284)
contains.

XYZ(47.2860, 50.0470, 68.1406)	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(47.2860, 50.0470,
68.1406)**

Conversions

Conversions Part 1

Format	Color
Hex	AEBDD2
RGB	174, 189, 210
RGB Percent	68%, 74%, 82%
CMY	0.3176, 0.2588, 0.1765
CMYK	0.17, 0.10, 0.00, 0.18
HSL	215°, 29%, 75%
HSV	215°, 17%, 82%
XYZ	47.2860, 50.0470, 68.1406
YIQ	186.9090, -15.6810, 3.3510

Conversions

Conversions Part 2

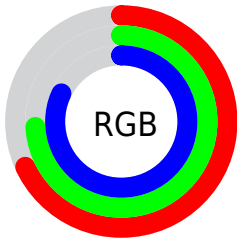
Format	Color
RYB	174, 185, 210
Decimal	11451858
CIELab	76.10, -0.79, -12.28
CIELCh	76, 12.307, 266.336
Yxy	50.0470, 0.2858, 0.3024
Android (android.graphics.Color)	4289641938 (0xFFFAEBDD2)
YUV	186.9090, 11.3839, -11.3212
Hunter-Lab	70.7439, -4.4905, -7.5875

Details

The XYZ color **47.2860, 50.0470, 68.1406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7338, 55.7878, 47.9815**, and the grayscale version is **47.1282, 49.5825, 53.9954**.

A 20% lighter version of the original color is **83.3355, 89.3478, 107.4613**, and **22.6901, 24.0736, 34.9033** is the 20% darker color. If you saturate the color by 10%, you get **40.4441, 42.7734, 67.0981**, and if you desaturate by 10%, it is **55.0849, 58.1468, 69.2938**.

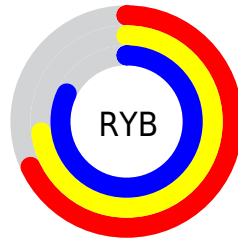
Distribution



Red (68%)

Green (74%)

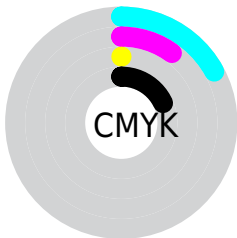
Blue (82%)



Red (68%)

Yellow (73%)

Blue (82%)

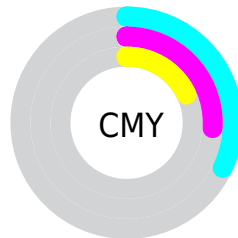


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (18%)



Cyan (32%)

Magenta (26%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2860, 50.0470, 68.1406 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 47.2860, 50.0470, 68.1406 by changing the saturation by 10% instead.

■ 47.2860, 50.0470,
68.1406

■ 47.2860, 50.0470,
68.1406

366.5848,
386.8497, 472.6056

■ 33.4707, 35.4507,
49.5447

■ 85.3565, 90.2445,
118.2094

■ 22.6482, 24.0103,
34.6831

110.3425,
116.6146, 150.5194

■ 14.4532, 15.3413,
23.1373

139.7826,
147.6780, 188.2378

■ 8.5204, 9.0592,
14.4887

174.0424,
183.8192, 231.7832

■ 4.4843, 4.7798,
8.3187

213.4872,
225.4226, 281.5742

■ 1.9796, 2.1187,
4.2089

258.4823,

■ 0.6225, 0.6751,

272.8725, 338.0292

1.7406

309.3930,
326.5534, 401.5668

■ 0.0000, 0.0000,
0.3883

■ 0.0000, 0.0000,
0.0000

■ 47.2860, 50.0470,
68.1406

■ 47.2860, 50.0470,
68.1406

■ 40.4441, 42.7734,
67.0981

■ 55.0849, 58.1468,
69.2938

■ 34.5153, 36.2915,
66.1594

■ 63.8732, 67.0937,
70.5575

■ 29.4589, 30.5731,
65.3222

■ 73.6873, 76.9151,
71.9360

■ 25.2291, 25.5858,
64.5825

■ 83.4472, 87.0616,
73.3800

■ 21.7753, 21.2944,
63.9362

■ 87.1356, 94.4384,
74.6095

■ 19.0413, 17.6602,
63.3788

■ 88.6330, 97.4332,
75.1086

■ 16.9615, 14.6392,
62.9053

■ 15.4505, 12.1766,
62.5096

■ 15.0830, 11.5532,
62.4086

Harmonies

Analogous

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



45.1576, 50.0470, 65.7333



47.2860, 50.0470, 68.1406



49.5580, 50.0470, 66.6552

Triad

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



47.2860, 50.0470, 68.1406



51.6444, 50.0470, 49.0626



43.9801, 50.0470, 47.7665

Complementary

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



47.2860, 50.0470, 68.1406



53.7338, 55.7878, 47.9815

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.



45.6323, 50.0470, 43.9077



47.2860, 50.0470, 68.1406



50.0630, 50.0470, 44.6126

Square

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



47.2860, 50.0470, 68.1406



52.1213, 50.0470, 55.3064



47.8515, 50.0470, 42.8008



43.2882, 50.0470, 53.6870

Rectangle

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



47.2860, 50.0470, 68.1406



50.8410, 50.0470, 63.7173



47.8515, 50.0470, 42.8008



44.4389, 50.0470, 46.2043

Sweetspot

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



47.2875, 50.0491, 68.1417



88.1871, 93.0081, 107.9121



50.2857, 59.0058, 60.0147



18.6761, 19.7031, 23.0687



0.0000, 0.0000, 0.0000



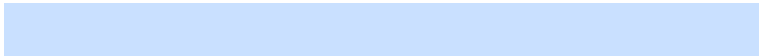
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2875, 50.0491, 68.1417



68.8514, 72.8856, 105.0472



44.7650, 44.2031, 67.1463



11.5627, 12.2156, 14.9921



9.2946, 7.2357, 38.0992



0.5972, 0.5597, 2.1561

Inverse Universe

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



50.9009, 47.6490, 54.6609



75.6545, 68.6125, 79.6109



56.5876, 62.5021, 49.1271



12.0101, 11.8888, 13.3292



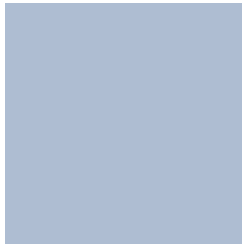
17.3222, 8.8017, 6.6028



1.0077, 0.5078, 0.5753

Previews

White Background



This preview shows how the XYZ color 47.2860, 50.0470, 68.1406 looks on a white background.

Color Contrast Check

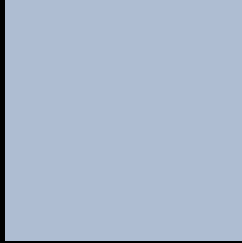
Large Text (above 18pt) WCAG AA × Fail

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 47.2860, 50.0470, 68.1406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

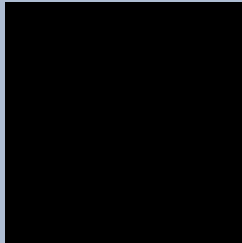
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

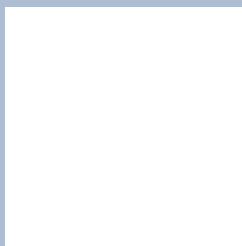
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2860, 50.0470, 68.1406

Background



This preview shows how black text looks on a background with the XYZ color 47.2860, 50.0470, 68.1406.



This preview shows how white text looks on a background with the XYZ color 47.2860, 50.0470,

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

47.2860, 50.0470, 68.1406

Protanopia

48.9517, 49.9862, 66.7428

Deuteranopia

50.9395, 50.0395, 68.6018



Tritanopia

46.6665, 50.1189, 64.9719

Trichromacy



Original Color

47.2860, 50.0470, 68.1406

Protanomaly

48.3350, 49.9679, 67.4188

Deuteranomaly

49.6004, 49.9659, 68.6582

Tritanomaly

46.9095, 50.2161, 66.2518

Monochromacy



Original Color

47.2860, 50.0470, 68.1406

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.1250, 49.8517, 58.7683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2860, 50.0470, 68.1406 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(174, 189, 210)` looks like.

```
.text, #text, p{  
    color:rgb(174, 189, 210)  
}
```

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(174, 189, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 189, 210) }
```

Border

The CSS property to change the border of an element to XYZ 47.2860, 50.0470, 68.1406 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(174, 189, 210) }
```


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

```
.border{ border-color:rgb(174, 189, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 189, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 189, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 189, 210);  
box-shadow:4px 4px 4px 4px rgb(174, 189,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2860, 50.0470, 68.1406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 189, 210) }
```

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

```
.background{ background-color: rgb(174,  
189, 210) }
```

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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