

Converting Colors

XYZ(46.1538, 50.3424, 60.5173)

Have a look what the booklet for
XYZ(46.1538, 50.3424, 60.5173)
contains.

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Color

**XYZ(46.0574, 50.2231,
60.6926)**

Conversions

Conversions Part 1

Format	Color
Hex	ADBFC6
RGB	173, 191, 198
RGB Percent	68%, 75%, 78%
CMY	0.3216, 0.2510, 0.2235
CMYK	0.13, 0.04, 0.00, 0.22
HSL	197°, 18%, 73%
HSV	197°, 13%, 78%
XYZ	46.0574, 50.2231, 60.6926
YIQ	186.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

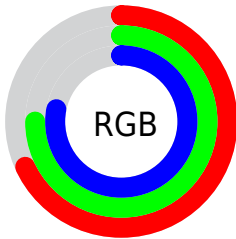
Format	Color
RYB	173, 183, 198
Decimal	11386822
CIELab	76.21, -4.71, -5.62
CIELCh	76, 7.336, 230.022
Yxy	50.2231, 0.2934, 0.3199
Android (android.graphics.Color)	4289576902 (0xFFADBFC6)
YUV	186.4160, 5.7109, -11.7658
Hunter-Lab	70.8683, -8.0120, -1.1690

Details

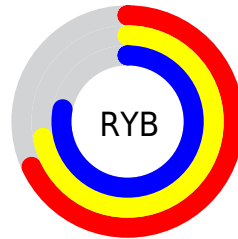
The XYZ color **46.0574, 50.2231, 60.6926** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1530, 47.6650, 46.2510**, and the grayscale version is **46.8808, 49.3222, 53.7119**.

A 20% lighter version of the original color is **83.6239, 90.3995, 107.6491**, and **21.8682, 24.1836, 29.9009** is the 20% darker color. If you saturate the color by 10%, you get **40.8140, 45.7610, 60.1085**, and if you desaturate by 10%, it is **51.9983, 55.1153, 61.3246**.

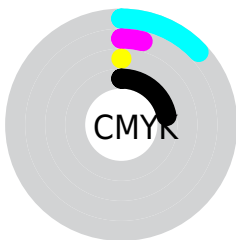
Distribution



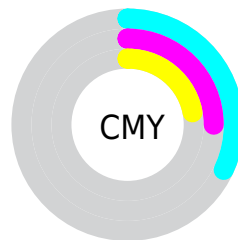
- Red (68%)
- Green (75%)
- Blue (78%)



- Red (68%)
- Yellow (72%)
- Blue (78%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (32%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0574, 50.2231, 60.6926 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 46.0574, 50.2231, 60.6926 by changing the saturation by 10% instead.

■ 46.0574, 50.2231,
60.6926

■ 46.0574, 50.2231,
60.6926

361.7514,
387.5378, 445.0213

■ 32.4959, 35.5907,
43.5482

■ 83.5322, 90.5053,
107.3869

■ 21.8980, 24.1183,
29.9809

108.1763,
116.9240, 137.7739

■ 13.8981, 15.4214,
19.5722

137.2453,
148.0401, 173.4121

■ 8.1311, 9.1156,
11.9034

171.1046,
184.2382, 214.7202

■ 4.2314, 4.8167,
6.5562

210.1195,
225.9026, 262.1166

■ 1.8339, 2.1401,
3.1119

254.6553,

■ 0.5380, 0.6870,

273.4178, 316.0199

1.1521

305.0775,
327.1680, 376.8486

■ 0.0000, 0.0000,
0.0000

■ 46.0574, 50.2231,
60.6926

■ 46.0574, 50.2231,
60.6926

■ 40.8140, 45.7610,
60.1085

■ 51.9983, 55.1153,
61.3246

■ 36.2349, 41.7072,
59.5674

■ 58.6595, 60.4461,
62.0024

■ 32.2903, 38.0469,
59.0688

■ 66.0681, 66.2316,
62.7287

■ 28.9467, 34.7621,
58.6109

■ 74.2486, 72.4850,
63.5045

■ 26.1671, 31.8328,
58.1920

■ 76.6898, 75.8505,
64.0255

■ 23.9103, 29.2372,
57.8100

■ 78.1572, 78.7853,
64.5146

■ 22.1290, 26.9498,
57.4624

■ 79.6732, 81.8174,
65.0199

■ 20.7664, 24.9408,
57.1464

■ 81.2382, 84.9474,
65.5416

■ 19.9534, 23.5978,
56.9300

■ 82.8527, 88.1764,
66.0798

Harmonies

Analogous

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



45.2950, 50.2231, 57.3173



46.0574, 50.2231, 60.6926



47.2790, 50.2231, 62.4836

Triad

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



46.0574, 50.2231, 60.6926



50.3863, 50.2231, 56.0066



46.8363, 50.2231, 47.8760

Complementary

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



46.0574, 50.2231, 60.6926



47.1530, 47.6650, 46.2510

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.



48.1950, 50.2231, 47.5628



46.0574, 50.2231, 60.6926



50.2623, 50.2231, 52.1334

Square

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



46.0574, 50.2231, 60.6926



49.7898, 50.2231, 59.6936



49.4540, 50.2231, 49.0864



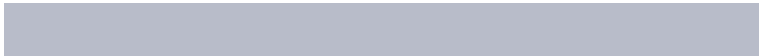
45.7386, 50.2231, 49.9636

Rectangle

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



46.0574, 50.2231, 60.6926



48.1970, 50.2231, 62.4825



49.4540, 50.2231, 49.0864



47.2770, 50.2231, 47.5637

Sweetspot

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



46.0589, 50.2252, 60.6937



90.4925, 96.3086, 108.4277



45.6327, 52.5549, 50.7420



19.1907, 20.4685, 23.1893



0.0000, 0.0000, 0.0000



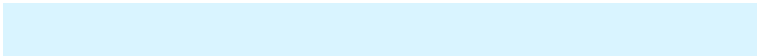
20.3446, 21.4041, 23.3091

Same Dimension

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



46.0589, 50.2252, 60.6937



79.0304, 86.8122, 107.1988



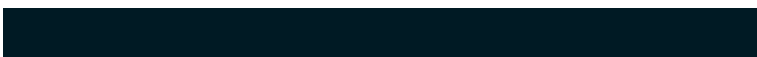
43.5141, 45.1357, 59.8455



10.6861, 11.5463, 13.5829



13.0513, 15.4965, 37.0476



0.6768, 0.8515, 1.7738

Inverse Universe

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



47.6374, 45.6554, 55.5944



82.3624, 77.3065, 96.4034



49.7186, 52.7962, 47.1062



10.9516, 10.7640, 12.7284



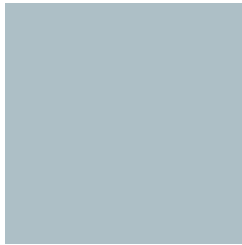
18.3870, 9.1044, 17.7797



0.9003, 0.4430, 0.9983

Previews

White Background



This preview shows how the XYZ color 46.0574, 50.2231, 60.6926 looks on a white background.

Color Contrast Check

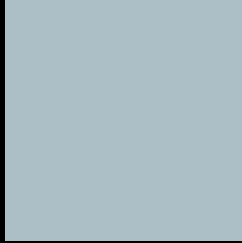
Large Text (above 18pt) WCAG AA × Fail

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 46.0574, 50.2231, 60.6926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

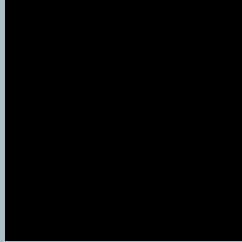
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

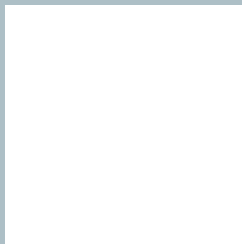
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.0574, 50.2231, 60.6926

Background



This preview shows how black text looks on a background with the XYZ color 46.0574, 50.2231, 60.6926.



This preview shows how white text looks on a background with the XYZ color 46.0574, 50.2231,

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

46.0574, 50.2231, 60.6926

Protanopia

48.6069, 50.2996, 58.7767

Deuteranopia

50.9727, 49.9054, 61.5897



Tritanopia

46.8885, 50.2334, 64.9823

Trichromacy



Original Color

46.0574, 50.2231, 60.6926

Protanomaly

47.4755, 50.0192, 59.3770

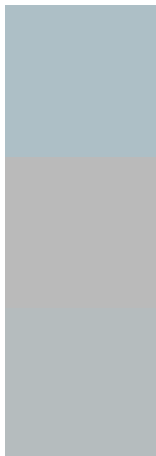
Deuteranomaly

48.8930, 49.7686, 61.0622

Tritanomaly

46.5297, 50.0899, 63.0930

Monochromacy



Original Color

46.0574, 50.2231, 60.6926

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.3335, 49.5079, 55.8291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0574, 50.2231, 60.6926 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(173, 191, 198)` looks like.

```
.text, #text, p{  
    color:rgb(173, 191, 198)  
}
```

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(173, 191, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 191, 198) }
```

Border

The CSS property to change the border of an element to XYZ 46.0574, 50.2231, 60.6926 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(173, 191, 198) }
```


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

```
.border{ border-color:rgb(173, 191, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 191, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 191, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 191, 198);  
box-shadow:4px 4px 4px 4px rgb(173, 191,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0574, 50.2231, 60.6926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 191, 198) }
```

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

```
.background{ background-color: rgb(173,  
191, 198) }
```

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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