

Converting Colors

XYZ(46.0789, 46.8777, 64.5631)

Have a look what the booklet for
XYZ(46.0789, 46.8777, 64.5631)
contains.

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Color

**XYZ(46.1337, 47.0392,
64.4056)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B5CD
RGB	179, 181, 205
RGB Percent	70%, 71%, 80%
CMY	0.2980, 0.2902, 0.1961
CMYK	0.13, 0.12, 0.00, 0.20
HSL	235°, 21%, 75%
HSV	235°, 13%, 80%
XYZ	46.1337, 47.0392, 64.4056
YIQ	183.1380, -8.8960, 7.0400

Conversions

Conversions Part 2

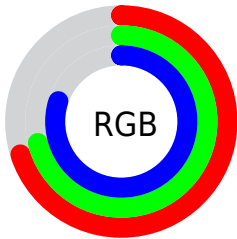
Format	Color
R_{YB}	179, 181, 205
Decimal	11777485
CIE _{Lab}	74.21, 4.09, -12.34
CIE _{LCh}	74, 13.003, 288.316
Yxy	47.0392, 0.2928, 0.2985
Android (android.graphics.Color)	4289967565 (0xFFB3B5CD)
YUV	183.1380, 10.7780, -3.6290
Hunter-Lab	68.5851, 0.0438, -7.6673

Details

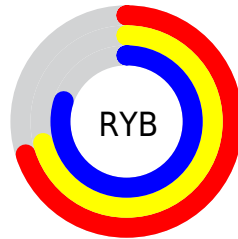
The XYZ color **46.1337, 47.0392, 64.4056** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6697, 58.9454, 51.1450**, and the grayscale version is **45.0328, 47.3780, 51.5946**.

A 20% lighter version of the original color is **82.5951, 85.4505, 106.7481**, and **21.9093, 22.1083, 32.3907** is the 20% darker color. If you saturate the color by 10%, you get **38.1539, 37.5977, 63.0045**, and if you desaturate by 10%, it is **55.3432, 57.8927, 66.0159**.

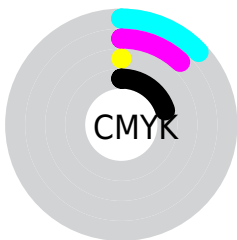
Distribution



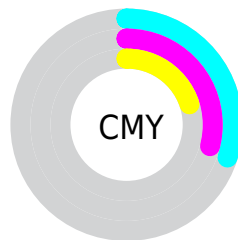
- Red (70%)
- Green (71%)
- Blue (80%)



- Red (70%)
- Yellow (71%)
- Blue (80%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1337, 47.0392, 64.4056 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 46.1337, 47.0392, 64.4056 by changing the saturation by 10% instead.

■ 46.1337, 47.0392,
64.4056

■ 46.1337, 47.0392,
64.4056

362.0528,
374.9710, 458.9005

■ 32.5564, 33.0666,
46.5310

■ 83.6457, 85.7721,
112.7999

■ 21.9444, 22.1775,
32.3133

108.3111,
111.3013, 144.1567

■ 13.9325, 13.9874,
21.3342

137.4033,
141.4515, 180.8447

■ 8.1551, 8.1119,
13.1749

171.2876,
176.6070, 223.2823

■ 4.2470, 4.1666,
7.4169

210.3293,
217.1523, 271.8882

■ 1.8428, 1.7672,
3.6418

254.8938,

■ 0.5433, 0.4666,

263.4719, 327.0808

1.4310

305.3466,
315.9499, 389.2787

■ 0.0000, 0.0000,
0.1657

■ 0.0000, 0.0000,
0.0000

■ 46.1337, 47.0392,
64.4056

■ 46.1337, 47.0392,
64.4056

■ 38.1539, 37.5977,
63.0045

■ 55.3432, 57.8927,
66.0159

■ 31.3478, 29.5047,
61.8011

■ 65.8270, 70.2069,
67.8402

■ 25.6610, 22.7001,
60.7875

■ 77.6326, 84.0352,
69.8871

■ 21.0336, 17.1175,
59.9538

■ 88.0196, 97.1878,
71.8784

■ 17.3997, 12.6842,
59.2896

■ 14.6861, 9.3198,
58.7832

■ 12.8096, 6.9335,
58.4215

■ 11.6717, 5.4195,
58.1893

■ 11.2018, 4.7722,
58.0891

Harmonies

Analogous

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



43.8072, 47.0392, 64.8547



46.1337, 47.0392, 64.4056



48.1433, 47.0392, 60.2438

Triad

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



46.1337, 47.0392, 64.4056



47.7589, 47.0392, 42.2111



40.4594, 47.0392, 48.6601

Complementary

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



46.1337, 47.0392, 64.4056



54.6697, 58.9454, 51.1450

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.



41.4427, 47.0392, 43.1414



46.1337, 47.0392, 64.4056



45.6238, 47.0392, 39.6403

Square

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



46.1337, 47.0392, 64.4056



49.1039, 47.0392, 47.2861



43.3146, 47.0392, 39.9654



40.5851, 47.0392, 55.3613

Rectangle

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



46.1337, 47.0392, 64.4056



49.0080, 47.0392, 56.1120



43.3146, 47.0392, 39.9654



40.6697, 47.0392, 46.6166

Sweetspot

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



46.1351, 47.0412, 64.4066



88.4663, 92.2562, 107.7523



51.1822, 57.5511, 64.8075



18.6786, 19.4443, 23.0186



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.



46.1351, 47.0412, 64.4066



72.1044, 72.9603, 104.8902



48.3340, 47.5746, 64.3937



10.6700, 10.9805, 14.1274



7.0010, 3.0259, 36.1713



0.3859, 0.2055, 1.8743

Inverse Universe

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



49.6385, 48.5566, 50.4744



78.8665, 75.9081, 77.9941



52.2598, 58.4096, 51.1686



11.2468, 11.2275, 11.8343



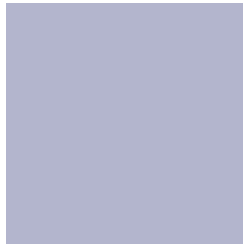
15.7447, 8.1085, 1.1081



0.8247, 0.4233, 0.1228

Previews

White Background



This preview shows how the XYZ color 46.1337, 47.0392, 64.4056 looks on a white background.

Color Contrast Check

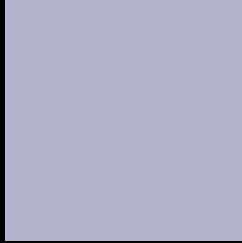
Large Text (above 18pt) WCAG AA × Fail

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 46.1337, 47.0392, 64.4056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

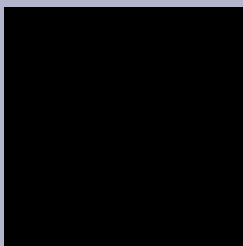
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

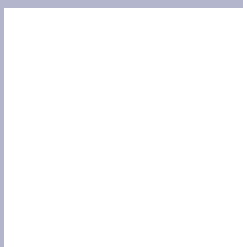
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1337, 47.0392, 64.4056

Background



This preview shows how black text looks on a background with the XYZ color 46.1337, 47.0392, 64.4056.



This preview shows how white text looks on a background with the XYZ color 46.1337, 47.0392,

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

46.1337, 47.0392, 64.4056

Protanopia

46.1337, 47.0392, 64.4056

Deuteranopia

48.0472, 47.1158, 64.9544



Tritanopia

45.1661, 46.9521, 59.5055

Trichromacy



Original Color

46.1337, 47.0392, 64.4056

Protanomaly

46.1337, 47.0392, 64.4056

Deuteranomaly

47.2683, 47.0107, 64.9752

Tritanomaly

45.5134, 47.0910, 61.3342

Monochromacy



Original Color

46.1337, 47.0392, 64.4056

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.4233, 47.1626, 55.9994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1337, 47.0392, 64.4056 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(179, 181, 205)` looks like.

```
.text, #text, p{  
    color:rgb(179, 181, 205)  
}
```

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(179, 181, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 181, 205) }
```

Border

The CSS property to change the border of an element to XYZ 46.1337, 47.0392, 64.4056 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(179, 181, 205) }
```


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

```
.border{ border-color:rgb(179, 181, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 181, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 181, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 181, 205);  
box-shadow:4px 4px 4px 4px rgb(179, 181,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1337, 47.0392, 64.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 181, 205) }
```

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

```
.background{ background-color: rgb(179,  
181, 205) }
```

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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