

Converting Colors

XYZ(46.1363, 40.0709, 60.8934)

Have a look what the booklet for
XYZ(46.1363, 40.0709, 60.8934)
contains.

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Color

**XYZ(46.2014, 39.9863,
61.1602)**

Conversions

Conversions Part 1

Format	Color
Hex	C89BCA
RGB	200, 155, 202
RGB Percent	78%, 61%, 79%
CMY	0.2157, 0.3921, 0.2078
CMYK	0.01, 0.23, 0.00, 0.21
HSL	297°, 31%, 70%
HSV	297°, 23%, 79%
XYZ	46.2014, 39.9863, 61.1602
YIQ	173.8130, 11.7330, 24.1570

Conversions

Conversions Part 2

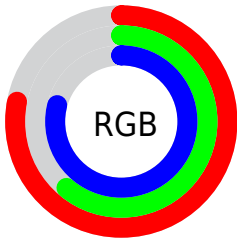
Format	Color
RYP	200, 155, 202
Decimal	13147082
CIELab	69.46, 24.77, -17.67
CIElCh	69, 30.433, 324.496
Yxy	39.9863, 0.3136, 0.2714
Android (android.graphics.Color)	4291337162 (0xFFC89BCA)
YUV	173.8130, 13.8962, 22.9660
Hunter-Lab	63.2347, 19.7573, -13.0806

Details

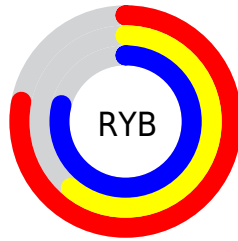
The XYZ color **46.2014, 39.9863, 61.1602** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.9430, 51.7768, 38.8483**, and the grayscale version is **40.0639, 42.1504, 45.9018**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **22.0496, 17.9496, 30.3195** is the 20% darker color. If you saturate the color by 10%, you get **42.8883, 33.6992, 60.1219**, and if you desaturate by 10%, it is **50.0806, 47.4022, 62.3877**.

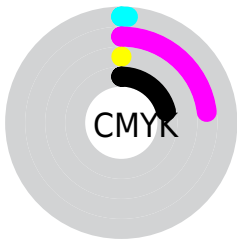
Distribution



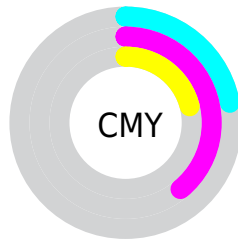
- Red (78%)
- Green (61%)
- Blue (79%)



- Red (78%)
- Yellow (61%)
- Blue (79%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2014, 39.9863, 61.1602 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 46.2014, 39.9863, 61.1602 by changing the saturation by 10% instead.

46.2014, 39.9863,
61.1602

46.2014, 39.9863,
61.1602

362.3201,
346.0658, 446.7840

32.6101, 27.5279,
43.9231

83.7463, 75.1427,
108.0706

21.9857, 17.9701,
30.2733

108.4307, 98.6094,
138.5810

13.9629, 10.9285,
19.7923

137.5434,
126.5143, 174.3530

8.1764, 6.0188,
12.0616

171.4499,
159.2418, 215.8049

4.2608, 2.8565,
6.6626

210.5154,
197.1763, 263.3554

1.8507, 1.0573,
3.1768

255.1054,

0.5479, 0.0000,

240.7022, 317.4231

1.1856

305.5852,
290.2039, 378.4264

■ 0.0000, 0.0000,
0.0000

■ 46.2014, 39.9863,
61.1602

■ 46.2014, 39.9863,
61.1602

■ 42.8883, 33.6992,
60.1219

■ 50.0806, 47.4022,
62.3877

■ 40.1096, 28.4799,
59.2609

■ 54.5482, 55.9937,
63.8106

■ 37.8363, 24.2693,
58.5680

■ 59.6299, 65.8114,
65.4378

■ 36.0349, 21.0006,
58.0320

■ 65.3486, 76.9012,
67.2769

■ 34.6680, 18.5991,
57.6405

■ 71.4047, 88.6640,
69.2282

■ 33.6926, 16.9785,
57.3791

■ 71.6414, 88.7860,
69.2393

■ 33.0567, 16.0351,
57.2305

■ 71.8794, 88.9087,
69.2504

■ 32.7566, 15.6551,
57.1730

■ 72.1187, 89.0321,
69.2616

■ 72.3594, 89.1561,
69.2729

Harmonies

Analogous

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



42.0467, 39.9863, 72.9905



46.2014, 39.9863, 61.1602



48.1742, 39.9863, 46.1775

Triad

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



46.2014, 39.9863, 61.1602



38.9165, 39.9863, 21.8277



30.0622, 39.9863, 55.7090

Complementary

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



46.2014, 39.9863, 61.1602



40.9430, 51.7768, 38.8483

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.



29.3794, 39.9863, 41.0016



46.2014, 39.9863, 61.1602



34.2324, 39.9863, 23.3141

Square

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



46.2014, 39.9863, 61.1602



43.7431, 39.9863, 25.0624



30.8416, 39.9863, 29.6750



32.7934, 39.9863, 69.3993

Rectangle

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



46.2014, 39.9863, 61.1602



47.8745, 39.9863, 37.1287



30.8416, 39.9863, 29.6750



29.5960, 39.9863, 50.6460

Sweetspot

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



46.2026, 39.9880, 61.1611



89.3387, 88.9915, 107.0762



36.2962, 35.4673, 60.8106



19.0220, 18.8551, 22.8868



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.



46.2026, 39.9880, 61.1611



75.2386, 62.0233, 102.6139



44.4049, 39.3310, 48.8881



11.6385, 11.3785, 14.1532



21.0981, 10.0840, 36.7907



1.1034, 0.5279, 1.8987

Inverse Universe

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



42.1657, 38.4354, 37.0966



67.2285, 58.9474, 54.6455



42.4908, 52.3512, 49.0190



11.2313, 11.2213, 11.7529



15.7122, 8.0955, 0.9370



0.8175, 0.4204, 0.0848

Previews

White Background



This preview shows how the XYZ color 46.2014, 39.9863, 61.1602 looks on a white background.

Color Contrast Check

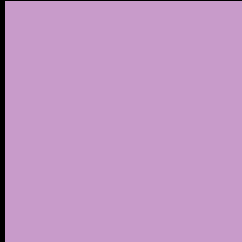
Large Text (above 18pt) WCAG AA × Fail

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 46.2014, 39.9863, 61.1602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

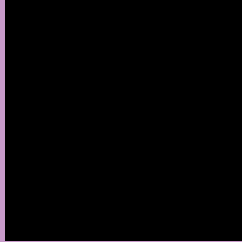
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.2014, 39.9863, 61.1602

Background



This preview shows how black text looks on a background with the XYZ color 46.2014, 39.9863, 61.1602.



This preview shows how white text looks on a background with the XYZ color 46.2014, 39.9863,

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

46.2014, 39.9863, 61.1602

Protanopia

40.2577, 40.1820, 67.2621

Deuteranopia

41.0748, 40.2132, 60.2406



Tritanopia

42.8786, 39.8945, 44.9756

Trichromacy



Original Color

46.2014, 39.9863, 61.1602

Protanomaly

42.1616, 39.8624, 65.1466

Deuteranomaly

42.7543, 40.0028, 60.7263

Tritanomaly

43.9045, 39.7847, 50.7126

Monochromacy



Original Color

46.2014, 39.9863, 61.1602

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.9989, 41.1654, 51.0795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2014, 39.9863, 61.1602 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(200, 155, 202) looks like.

```
.text, #text, p{  
    color:rgb(200, 155, 202)  
}
```

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(200, 155, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 155, 202) }
```

Border

The CSS property to change the border of an element to XYZ 46.2014, 39.9863, 61.1602 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(200, 155, 202) }
```


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

```
.border{ border-color:rgb(200, 155, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 155, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 155, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 155, 202);  
box-shadow:4px 4px 4px 4px rgb(200, 155,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2014, 39.9863, 61.1602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 155, 202) }
```

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

```
.background{ background-color: rgb(200,  
155, 202) }
```

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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