

Converting Colors

XYZ(35.6823, 23.9757, 36.4311)

Have a look what the booklet for
XYZ(35.6823, 23.9757, 36.4311)
contains.

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Color

**XYZ(35.6096, 23.9600,
36.4661)**

Conversions

Conversions Part 1

Format	Color
Hex	CC61A1
RGB	204, 97, 161
RGB Percent	80%, 38%, 63%
CMY	0.2000, 0.6196, 0.3686
CMYK	0.00, 0.52, 0.21, 0.20
HSL	324°, 51%, 59%
HSV	324°, 52%, 80%
XYZ	35.6096, 23.9600, 36.4661
YIQ	136.2890, 43.2280, 42.5880

Conversions

Conversions Part 2

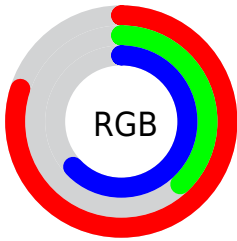
Format	Color
RYB	204, 97, 161
Decimal	13394337
CIELab	56.05, 49.90, -14.67
CIElCh	56, 52.012, 343.617
Yxy	23.9600, 0.3708, 0.2495
Android (android.graphics.Color)	4291584417 (0xFFCC61A1)
YUV	136.2890, 12.1825, 59.3825
Hunter-Lab	48.9490, 44.1953, -9.9057

Details

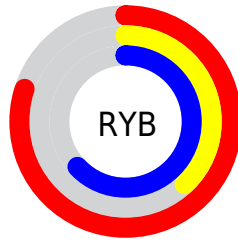
The XYZ color **35.6096, 23.9600, 36.4661** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.2575, 47.6214, 32.3577**, and the grayscale version is **23.4553, 24.6768, 26.8730**.

A 20% lighter version of the original color is **64.7013, 48.3511, 70.8883**, and **15.6568, 9.0349, 15.3867** is the 20% darker color. If you saturate the color by 10%, you get **33.2618, 20.3836, 32.2326**, and if you desaturate by 10%, it is **38.4909, 28.5269, 41.1118**.

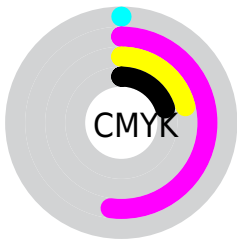
Distribution



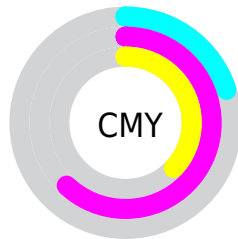
- Red (80%)
- Green (38%)
- Blue (63%)



- Red (80%)
- Yellow (38%)
- Blue (63%)



- Cyan (0%)
- Magenta (52%)
- Yellow (21%)
- Black (20%)





- Cyan (20%)
- Magenta (62%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6096, 23.9600, 36.4661 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 35.6096, 23.9600, 36.4661 by changing the saturation by 10% instead.

 35.6096, 23.9600,
36.4661


 35.6096, 23.9600,
36.4661


318.7120,
272.6182, 346.0920

 24.3015, 15.3040,
24.5018


 67.7569, 49.9649,
70.9280


 15.6834, 9.0330,
15.4907


 89.3268, 68.0826,
94.2627

 9.3898, 4.7627,
9.0140


 115.0481, 90.1229,
122.2247

 5.0554, 2.1087,
4.6534

 145.2861,
116.4703, 155.2324

 2.3149, 0.6695,
1.9902

180.4061,
147.5091, 193.7045

 0.8023, 0.0000,
0.5493

220.7735,

 0.0000, 0.0000,

183.6238, 238.0594

0.0000

266.7537,
225.1987, 288.7158

■ 35.6096, 23.9600,
36.4661

■ 35.6096, 23.9600,
36.4661

■ 33.2618, 20.3836,
32.2326

■ 38.4909, 28.5269,
41.1118

■ 31.4065, 17.7179,
28.3926

■ 41.9382, 34.1490,
46.1841

■ 29.9998, 15.8766,
24.9270

■ 45.9841, 40.8896,
51.6985

■ 28.9885, 14.7546,
21.8134

■ 50.6579, 48.8058,
57.6687

■ 28.4158, 14.2430,
19.6687

■ 55.9868, 57.9511,
64.1079

■ 61.9965, 68.3755,
71.0285

■ 68.7112, 80.1261,
78.4424

■ 74.4705, 89.8809,
85.7998

■ 75.6268, 90.3434,
91.8886

Harmonies

Analogous

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



31.6138, 23.9600, 57.7315



35.6096, 23.9600, 36.4661



35.8025, 23.9600, 19.1088

Triad

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



35.6096, 23.9600, 36.4661



20.1842, 23.9600, 5.4418



15.4531, 23.9600, 55.8527

Complementary

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



35.6096, 23.9600, 36.4661



31.2575, 47.6214, 32.3577

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.



13.3644, 23.9600, 34.5890



35.6096, 23.9600, 36.4661



15.7567, 23.9600, 8.8287

Square

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



35.6096, 23.9600, 36.4661



26.1556, 23.9600, 5.5871



13.4649, 23.9600, 17.8939



19.6959, 23.9600, 71.8491

Rectangle

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



35.6096, 23.9600, 36.4661



33.6929, 23.9600, 11.8262



13.4649, 23.9600, 17.8939



14.5117, 23.9600, 48.7621

Sweetspot

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



35.6103, 23.9612, 36.4666



80.8586, 75.6630, 91.6968



25.9566, 18.4686, 59.3239



16.9607, 15.6082, 19.1849



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.



35.6103, 23.9612, 36.4666



54.6159, 33.0646, 52.4692



31.8684, 22.4644, 16.7617



11.4893, 11.3244, 13.1110



17.9322, 8.9835, 12.6275



0.9620, 0.4782, 0.8458

Inverse Universe

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



35.6103, 23.9612, 36.4666



54.6159, 33.0646, 52.4692



36.1827, 49.5915, 58.2935



11.4893, 11.3244, 13.1110



17.9322, 8.9835, 12.6275



0.9620, 0.4782, 0.8458

Previews

White Background



This preview shows how the XYZ color 35.6096, 23.9600, 36.4661 looks on a white background.

Color Contrast Check

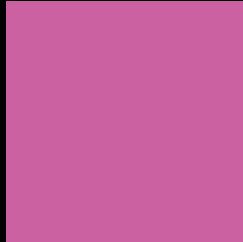
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6096, 23.9600, 36.4661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

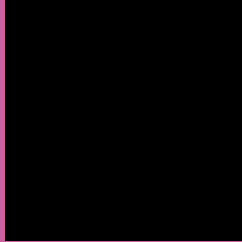
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6096, 23.9600, 36.4661

Background



This preview shows how black text looks on a background with the XYZ color 35.6096, 23.9600, 36.4661.



This preview shows how white text looks on a background with the XYZ color 35.6096, 23.9600,

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

35.6096, 23.9600, 36.4661

Protanopia

24.9649, 24.2849, 50.3854

Deuteranopia

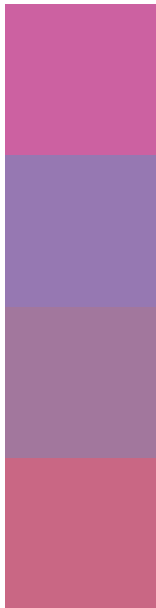
24.5139, 24.0024, 34.3513



Tritanopia

31.9054, 23.8953, 19.1503

Trichromacy



Original Color

35.6096, 23.9600, 36.4661

Protanomaly

27.3300, 23.1313, 45.1438

Deuteranomaly

27.5829, 23.3094, 34.9437

Tritanomaly

33.1025, 23.7839, 24.6759

Monochromacy



Original Color

35.6096, 23.9600, 36.4661

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.7683, 23.5405, 29.9210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6096, 23.9600, 36.4661 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(204, 97, 161)` looks like.

```
.text, #text, p{  
    color:rgb(204, 97, 161)  
}
```

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(204, 97, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 97, 161) }
```

Border

The CSS property to change the border of an element to XYZ 35.6096, 23.9600, 36.4661 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(204, 97, 161) }
```


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

```
.border{ border-color:rgb(204, 97, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 97, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 97, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 97, 161);  
box-shadow:4px 4px 4px 4px rgb(204, 97,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6096, 23.9600, 36.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 97, 161) }
```

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

```
.background{ background-color: rgb(204, 97,  
161) }
```

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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