

Converting Colors

XYZ(36.5341, 26.0682, 34.4879)

Have a look what the booklet for
XYZ(36.5341, 26.0682, 34.4879)
contains.

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Color

**XYZ(36.5401, 26.1046,
34.5653)**

Conversions

Conversions Part 1

Format	Color
Hex	CD6C9C
RGB	205, 108, 156
RGB Percent	80%, 42%, 61%
CMY	0.1961, 0.5764, 0.3882
CMYK	0.00, 0.47, 0.24, 0.20
HSL	330°, 49%, 61%
HSV	330°, 47%, 80%
XYZ	36.5401, 26.1046, 34.5653
YIQ	142.4750, 42.4040, 35.4920

Conversions

Conversions Part 2

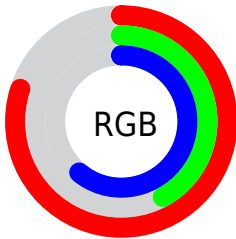
Format	Color
R_{YB}	205, 108, 156
Decimal	13462684
CIE _{Lab}	58.14, 44.01, -8.61
CIE _{LCh}	58, 44.846, 348.927
Yxy	26.1046, 0.3759, 0.2685
Android (android.graphics.Color)	4291652764 (0xFFCD6C9C)
YUV	142.4750, 6.6678, 54.8344
Hunter-Lab	51.0927, 38.2463, -4.3461

Details

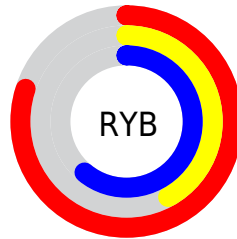
The XYZ color **36.5401, 26.1046, 34.5653** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.1027, 49.2857, 39.6164**, and the grayscale version is **25.8628, 27.2097, 29.6314**.

A 20% lighter version of the original color is **65.7932, 51.7538, 67.4946**, and **16.1767, 10.1442, 14.4700** is the 20% darker color. If you saturate the color by 10%, you get **33.7869, 21.9420, 29.5038**, and if you desaturate by 10%, it is **39.8779, 31.3161, 40.1911**.

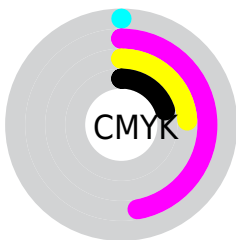
Distribution



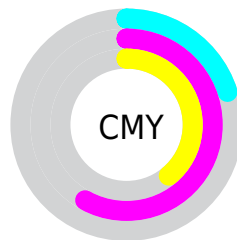
- Red (80%)
- Green (42%)
- Blue (61%)



- Red (80%)
- Yellow (42%)
- Blue (61%)



- Cyan (0%)
- Magenta (47%)
- Yellow (24%)
- Black (20%)





- Cyan (20%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5401, 26.1046, 34.5653 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 36.5401, 26.1046, 34.5653 by changing the saturation by 10% instead.

 36.5401, 26.1046,
34.5653


 36.5401, 26.1046,
34.5653


322.7053,
283.2952, 337.4912

 25.0237, 16.9019,
23.0473


 69.1833, 53.4436,
67.9557


 16.2235, 10.1646,
14.4228


 91.0408, 72.3488,
90.6652

 9.7743, 5.5082,
8.2732


 117.0760, 95.2569,
117.9424

 5.3107, 2.5484,
4.1800

 147.6543,
122.5523, 150.2057

 2.4673, 0.9008,
1.7246

183.1410,
154.6194, 187.8737

 0.8788, 0.0000,
0.3775

223.9015,

 0.0000, 0.0000,

191.8427, 231.3649

0.0000

270.3012,
234.6065, 281.0979

■ 36.5401, 26.1046,
34.5653

■ 36.5401, 26.1046,
34.5653

■ 33.7869, 21.9420,
29.5038

■ 39.8779, 31.3161,
40.1911

■ 31.5779, 18.7516,
24.9833

■ 43.8325, 37.6389,
46.4000

■ 29.8711, 16.4518,
20.9804


■ 48.4362, 45.1346,
53.2116


■ 28.6165, 14.9463,
17.4687


■ 53.7185, 53.8594,
60.6439


■ 27.7465, 14.1026,
14.4150


■ 59.7069, 63.8660,
68.7142

 27.5474, 13.9273,
13.6611

 66.4274, 75.2036,
77.4389

 73.9046, 87.9191,
86.8337

 76.4947, 90.7223,
95.0248

 78.0679, 91.3516,
103.3094

Harmonies

Analogous

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



33.5493, 26.1046, 52.9589



36.5401, 26.1046, 34.5653



36.0629, 26.1046, 19.7820

Triad

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



36.5401, 26.1046, 34.5653



21.5752, 26.1046, 8.4770



18.5617, 26.1046, 57.4684

Complementary

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



36.5401, 26.1046, 34.5653



34.1027, 49.2857, 39.6164

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.



16.1840, 26.1046, 39.2736



36.5401, 26.1046, 34.5653



17.7403, 26.1046, 12.9502

Square

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



36.5401, 26.1046, 34.5653



26.8725, 26.1046, 8.0123



15.9071, 26.1046, 23.0560



22.8589, 26.1046, 69.0530

Rectangle

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



36.5401, 26.1046, 34.5653



33.8578, 26.1046, 13.4652



15.9071, 26.1046, 23.0560



17.5400, 26.1046, 51.6696

Sweetspot

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



36.5409, 26.1059, 34.5658



81.9308, 78.1921, 90.8684



30.1905, 22.2524, 60.4616



17.1476, 16.0963, 18.8944



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.



36.5409, 26.1059, 34.5658



55.1776, 35.6962, 48.0064



33.2472, 24.7884, 17.2214



11.4399, 11.3047, 12.8510



17.1971, 8.6894, 8.7568



0.9255, 0.4636, 0.6535

Inverse Universe

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



36.5409, 26.1059, 34.5658



55.1776, 35.6962, 48.0064



39.0359, 51.2590, 65.5942



11.4399, 11.3047, 12.8510



17.1971, 8.6894, 8.7568



0.9255, 0.4636, 0.6535

Previews

White Background



This preview shows how the XYZ color 36.5401, 26.1046, 34.5653 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 36.5401, 26.1046, 34.5653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

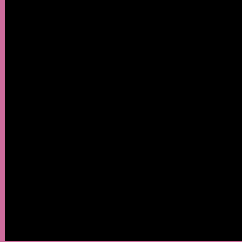
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.5401, 26.1046, 34.5653

Background



This preview shows how black text looks on a background with the XYZ color 36.5401, 26.1046, 34.5653.



This preview shows how white text looks on a background with the XYZ color 36.5401, 26.1046,

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

36.5401, 26.1046, 34.5653

Protanopia

26.4292, 26.4251, 44.7819

Deuteranopia

26.7845, 26.2322, 32.9298



Tritanopia

33.9496, 26.0212, 21.9722

Trichromacy



Original Color

36.5401, 26.1046, 34.5653

Protanomaly

28.9812, 25.5720, 40.9445

Deuteranomaly

29.5728, 25.6566, 33.5306

Tritanomaly

34.7959, 26.0341, 26.1128

Monochromacy



Original Color

36.5401, 26.1046, 34.5653

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.7661, 26.0712, 31.1199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5401, 26.1046, 34.5653 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(205, 108, 156)` looks like.

```
.text, #text, p{  
    color:rgb(205, 108, 156)  
}
```

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(205, 108, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 108, 156) }
```

Border

The CSS property to change the border of an element to XYZ 36.5401, 26.1046, 34.5653 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(205, 108, 156) }
```


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

```
.border{ border-color:rgb(205, 108, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 108, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 108, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 108, 156);  
box-shadow:4px 4px 4px 4px rgb(205, 108,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5401, 26.1046, 34.5653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 108, 156) }
```

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

```
.background{ background-color: rgb(205,  
108, 156) }
```

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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