

Converting Colors

XYZ(36.5228, 26.8418, 40.2044)

Have a look what the booklet for
XYZ(36.5228, 26.8418, 40.2044)
contains.

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Color

**XYZ(36.5262, 26.7795,
40.2896)**

Conversions

Conversions Part 1

Format	Color
Hex	C771A8
RGB	199, 113, 168
RGB Percent	78%, 44%, 66%
CMY	0.2196, 0.5568, 0.3412
CMYK	0.00, 0.43, 0.16, 0.22
HSL	322°, 43%, 61%
HSV	322°, 43%, 78%
XYZ	36.5262, 26.7795, 40.2896
YIQ	144.9840, 33.6010, 35.3370

Conversions

Conversions Part 2

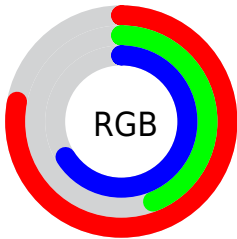
Format	Color
R_{YB}	199, 113, 168
Decimal	13070760
CIE _{Lab}	58.77, 41.23, -14.67
CIE _{LCh}	59, 43.767, 340.414
Yxy	26.7795, 0.3526, 0.2585
Android (android.graphics.Color)	4291260840 (0xFFC771A8)
YUV	144.9840, 11.3469, 47.3720
Hunter-Lab	51.7489, 35.4310, -9.9365

Details

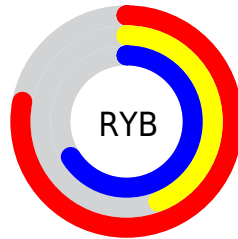
The XYZ color **36.5262, 26.7795, 40.2896** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.2687, 46.3720, 33.6375**, and the grayscale version is **26.8537, 28.2522, 30.7666**.

A 20% lighter version of the original color is **68.3780, 54.2251, 76.6746**, and **16.2027, 10.5458, 17.7046** is the 20% darker color. If you saturate the color by 10%, you get **33.8947, 22.5565, 36.2057**, and if you desaturate by 10%, it is **39.6829, 31.9933, 44.7311**.

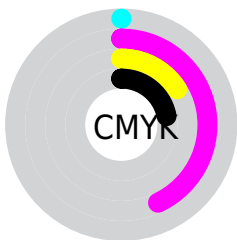
Distribution



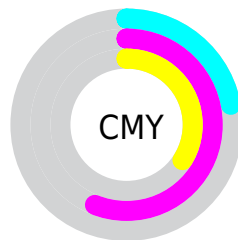
- Red (78%)
- Green (44%)
- Blue (66%)



- Red (78%)
- Yellow (44%)
- Blue (66%)



- Cyan (0%)
- Magenta (43%)
- Yellow (16%)
- Black (22%)





- Cyan (22%)
- Magenta (56%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5262, 26.7795, 40.2896 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 36.5262, 26.7795, 40.2896 by changing the saturation by 10% instead.


 36.5262, 26.7795,
40.2896


 36.5262, 26.7795,
40.2896


322.6459,
286.5879, 362.9310

 25.0129, 17.4077,
27.4489


 69.1620, 54.5298,
76.8462


 16.2154, 10.5256,
17.6752


 91.0153, 73.6771,
101.3992

 9.7685, 5.7488,
10.5501


 117.0458, 96.8517,
130.6934

 5.3068, 2.6929,
5.6548

 147.6190,
124.4380, 165.1473

 2.4650, 0.9736,
2.5710

183.1003,
156.8204, 205.1795

 0.8776, 0.0000,
0.8774

223.8550,

 0.0000, 0.0000,

194.3832, 251.2085

0.0000

270.2484,
237.5109, 303.6528

■ 36.5262, 26.7795,
40.2896

■ 36.5262, 26.7795,
40.2896

■ 33.8947, 22.5565,
36.2057

■ 39.6829, 31.9933,
44.7311

■ 31.7533, 19.2558,
32.4639

■ 43.3923, 38.2527,
49.5412

■ 30.0661, 16.8066,
29.0495

■ 47.6825, 45.6132,
54.7326

■ 28.7911, 15.1256,
25.9456

■ 52.5794, 54.1251,
60.3164

■ 27.8778, 14.1127,
23.1320

■ 58.1068, 63.8356,
66.3033

■ 27.4014, 13.6814,
21.3656

■ 64.2875, 74.7892,
72.7035

■ 71.1430, 87.0283,
79.5266

■ 72.9573, 89.1198,
84.8699

■ 73.9591, 89.5205,
90.1454

Harmonies

Analogous

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



32.7852, 26.7795, 58.1183



36.5262, 26.7795, 40.2896



37.0749, 26.7795, 24.1126

Triad

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



36.5262, 26.7795, 40.2896



23.6243, 26.7795, 8.6170



18.3460, 26.7795, 52.9608

Complementary

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



36.5262, 26.7795, 40.2896



32.2687, 46.3720, 33.6375

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.



16.5557, 26.7795, 34.8629



36.5262, 26.7795, 40.2896



19.3048, 26.7795, 11.8881

Square

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



36.5262, 26.7795, 40.2896



29.0899, 26.7795, 9.1739



16.8800, 26.7795, 20.2930



22.1328, 26.7795, 67.0422

Rectangle

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



36.5262, 26.7795, 40.2896



35.4841, 26.7795, 16.5596



16.8800, 26.7795, 20.2930



17.5168, 26.7795, 46.9252

Sweetspot

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



36.5270, 26.7808, 40.2901



83.5067, 79.8970, 95.8540



27.5602, 21.7838, 56.7854



17.4942, 16.4464, 20.0683



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.



36.5270, 26.7808, 40.2901



59.5357, 39.7923, 63.7025



33.2188, 25.4575, 22.8693



10.9146, 10.7492, 12.5333



17.6627, 8.8147, 13.9657



0.8701, 0.4309, 0.8391

Inverse Universe

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



36.5270, 26.7808, 40.2901



59.5357, 39.7923, 63.7025



36.1080, 47.9077, 53.8549



10.9146, 10.7492, 12.5333



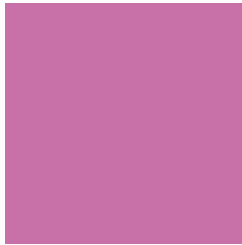
17.6627, 8.8147, 13.9657



0.8701, 0.4309, 0.8391

Previews

White Background



This preview shows how the XYZ color 36.5262, 26.7795, 40.2896 looks on a white background.

Color Contrast Check

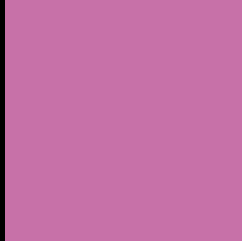
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.5262, 26.7795, 40.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

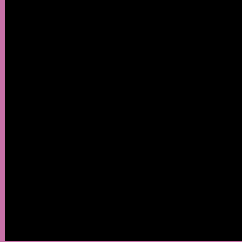
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.5262, 26.7795, 40.2896

Background



This preview shows how black text looks on a background with the XYZ color 36.5262, 26.7795, 40.2896.



This preview shows how white text looks on a background with the XYZ color 36.5262, 26.7795,

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

36.5262, 26.7795, 40.2896

Protanopia

27.4010, 27.0112, 50.7832

Deuteranopia

27.4664, 26.8770, 38.8621



Tritanopia

33.3723, 26.8886, 24.5502

Trichromacy



Original Color

36.5262, 26.7795, 40.2896



Protanomaly

29.5473, 26.1306, 46.6664



Deuteranomaly

30.1588, 26.4165, 39.1067



Tritanomaly

34.2774, 26.7062, 29.7338

Monochromacy



Original Color

36.5262, 26.7795, 40.2896



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

29.6543, 27.0743, 33.7999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5262, 26.7795, 40.2896 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(199, 113, 168)` looks like.

```
.text, #text, p{  
    color:rgb(199, 113, 168)  
}
```

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(199, 113, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 113, 168) }
```

Border

The CSS property to change the border of an element to XYZ 36.5262, 26.7795, 40.2896 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(199, 113, 168) }
```


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

```
.border{ border-color:rgb(199, 113, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 113, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 113, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 113, 168);  
box-shadow:4px 4px 4px 4px rgb(199, 113,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5262, 26.7795, 40.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 113, 168) }
```

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

```
.background{ background-color: rgb(199,  
113, 168) }
```

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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