

Converting Colors

XYZ(36.2211, 24.0825, 53.6874)

Have a look what the booklet for
XYZ(36.2211, 24.0825, 53.6874)
contains.

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Color

**XYZ(36.0976, 23.9679,
53.7626)**

Conversions

Conversions Part 1

Format	Color
Hex	C162C2
RGB	193, 98, 194
RGB Percent	76%, 38%, 76%
CMY	0.2431, 0.6157, 0.2392
CMYK	0.01, 0.49, 0.00, 0.24
HSL	299°, 44%, 57%
HSV	299°, 49%, 76%
XYZ	36.0976, 23.9679, 53.7626
YIQ	137.3490, 25.8040, 49.9960

Conversions

Conversions Part 2

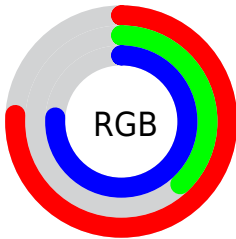
Format	Color
RYB	193, 98, 194
Decimal	12673730
CIELab	56.06, 51.51, -33.84
CIELCh	56, 61.630, 326.692
Yxy	23.9679, 0.3171, 0.2106
Android (android.graphics.Color)	4290863810 (0xFFC162C2)
YUV	137.3490, 27.9289, 48.8059
Hunter-Lab	48.9570, 45.9391, -30.8399

Details

The XYZ color **36.0976, 23.9679, 53.7626** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **26.6428, 42.1186, 18.2820**, and the grayscale version is **23.8015, 25.0410, 27.2697**.

A 20% lighter version of the original color is **68.4245, 49.9307, 97.2980**, and **15.9508, 9.0132, 25.7100** is the 20% darker color. If you saturate the color by 10%, you get **34.4464, 20.7413, 53.2272**, and if you desaturate by 10%, it is **38.1904, 28.0764, 54.4457**.

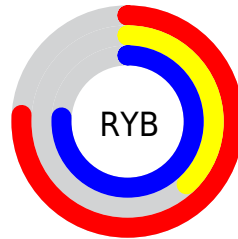
Distribution



Red (76%)

Green (38%)

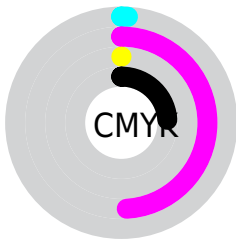
Blue (76%)



Red (76%)

Yellow (38%)

Blue (76%)

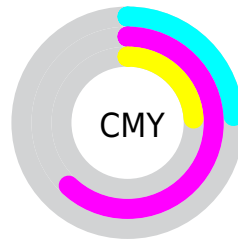


Cyan (1%)

Magenta (49%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (62%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0976, 23.9679, 53.7626 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 36.0976, 23.9679, 53.7626 by changing the saturation by 10% instead.

 36.0976, 23.9679,
53.7626

 36.0976, 23.9679,
53.7626


320.8107,
272.6582, 418.3531


 24.6800, 15.3098,
38.0200


 68.5056, 49.9778,
97.1785


 15.9663, 9.0371,
25.6963


 90.2267, 68.0984,
125.6888

 9.5910, 4.7654,
16.3728


 116.1130, 90.1420,
159.2922

 5.1888, 2.1103,
9.6312

 146.5300,
116.4929, 198.4071

 2.3944, 0.6704,
5.0527

181.8429,
147.5356, 243.4521

 0.8423, 0.0000,
2.2189

222.4171,

 0.0000, 0.0000,

183.6545, 294.8458

0.6853

268.6179,
225.2338, 353.0066

■ 0.0000, 0.0000,
0.0000

■ 36.0976, 23.9679,
53.7626

■ 36.0976, 23.9679,
53.7626

■ 34.4464, 20.7413,
53.2272

■ 38.1904, 28.0764,
54.4457

■ 33.2020, 18.3287,
52.8271

■ 40.7514, 33.1218,
55.2845

■ 32.3284, 16.6577,
52.5506

■ 43.8080, 39.1583,
56.2886

■ 31.7823, 15.6415,
52.3832

■ 47.3848, 46.2352,
57.4661

■ 31.4846, 15.1222,
52.2987

■ 51.5049, 54.3984,
58.8246

■ 31.4711, 15.0991,
52.2949

■ 56.1897, 63.6911,
60.3713

■ 61.4598, 74.1542,
62.1131

■ 67.3346, 85.8265,
64.0565

■ 67.9565, 86.9930,
64.2489

Harmonies

Analogous

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



29.4314, 23.9679, 78.4480



36.0976, 23.9679, 53.7626



39.1785, 23.9679, 28.4032

Triad

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



36.0976, 23.9679, 53.7626



23.5724, 23.9679, 3.3560



12.6857, 23.9679, 47.7188

Complementary

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



36.0976, 23.9679, 53.7626



26.6428, 42.1186, 18.2820

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.



11.7471, 23.9679, 23.9191



36.0976, 23.9679, 53.7626



17.2161, 23.9679, 4.5046

Square

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



36.0976, 23.9679, 53.7626



31.0688, 23.9679, 5.2358



13.2229, 23.9679, 10.0516



16.1157, 23.9679, 73.8715

Rectangle

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



36.0976, 23.9679, 53.7626



38.3960, 23.9679, 16.4558



13.2229, 23.9679, 10.0516



12.1035, 23.9679, 38.9170

Sweetspot

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



36.0984, 23.9690, 53.7631



82.0015, 76.1512, 102.8465



19.2946, 15.5307, 53.0200



17.6606, 16.0892, 22.4247



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.



36.0984, 23.9690, 53.7631



62.2902, 37.3486, 96.3957



31.9303, 22.3312, 30.4798



10.4866, 10.2420, 12.7090



20.6958, 9.9295, 34.3824



0.8976, 0.4308, 1.4857

Inverse Universe

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



28.8687, 21.1066, 14.3579



47.7613, 31.6018, 16.9619



29.3943, 43.2067, 33.3377



10.0774, 10.0796, 10.4980



14.6367, 7.5444, 0.7328



0.6339, 0.3266, 0.0395

Previews

White Background



This preview shows how the XYZ color 36.0976, 23.9679, 53.7626 looks on a white background.

Color Contrast Check

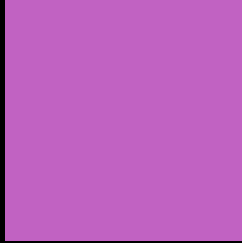
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0976, 23.9679, 53.7626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

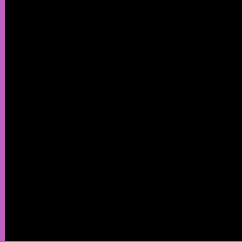
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.0976, 23.9679, 53.7626

Background



This preview shows how black text looks on a background with the XYZ color 36.0976, 23.9679, 53.7626.



This preview shows how white text looks on a background with the XYZ color 36.0976, 23.9679,

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

36.0976, 23.9679, 53.7626

Protanopia

26.6075, 24.4269, 73.1245

Deuteranopia

24.8007, 24.1878, 50.9385



Tritanopia

29.5360, 23.9071, 22.1266

Trichromacy



Original Color

36.0976, 23.9679, 53.7626



Protanomaly

28.2730, 23.1730, 65.2700



Deuteranomaly

27.6878, 23.1704, 51.7282



Tritanomaly

31.3870, 23.6720, 31.3486

Monochromacy



Original Color

36.0976, 23.9679, 53.7626



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

27.1591, 23.8026, 35.5107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0976, 23.9679, 53.7626 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(193, 98, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 98, 194)  
}
```

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(193, 98, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 98, 194) }
```

Border

The CSS property to change the border of an element to XYZ 36.0976, 23.9679, 53.7626 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(193, 98, 194) }
```


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

```
.border{ border-color:rgb(193, 98, 194) }
```

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

Here you see how a box with a 4 pixel rgb(193, 98, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 98, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 98, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 98,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0976, 23.9679, 53.7626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 98, 194) }
```

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

```
.background{ background-color: rgb(193, 98,  
194) }
```

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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