

Converting Colors

XYZ(33.0853, 23.4064, 34.6724)

Have a look what the booklet for
XYZ(33.0853, 23.4064, 34.6724)
contains.

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Color

**XYZ(33.0853, 23.4064,
34.6724)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C2669D |
| RGB | 194, 102, 157 |
| RGB Percent | 76%, 40%, 62% |
| CMY | 0.2392, 0.6000, 0.3843 |
| CMYK | 0.00, 0.47, 0.19, 0.24 |
| HSL | 324°, 43%, 58% |
| HSV | 324°, 47%, 76% |
| XYZ | 33.0853, 23.4064, 34.6724 |
| YIQ | 135.7780, 37.1770, 36.6090 |

Conversions

Conversions Part 2

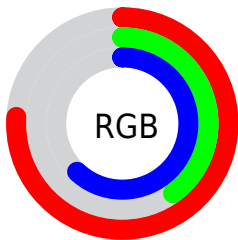
| Format | Color |
|-------------------------------------|--|
| RYB | 194, 102, 157 |
| Decimal | 12740253 |
| CIELab | 55.49, 43.58, -13.32 |
| CIELCh | 55, 45.574, 343.007 |
| Yxy | 23.4064, 0.3629, 0.2568 |
| Android (android.graphics.Color) | 4290930333 (0xFFC2669D) |
| YUV | 135.7780, 10.4624, 51.0607 |
| Hunter-Lab | 48.3802, 37.4039, -8.6250 |

Details

The XYZ color **33.0853, 23.4064, 34.6724** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **29.4326, 43.2731, 31.2293**, and the grayscale version is **23.2719, 24.4838, 26.6629**.

A 20% lighter version of the original color is **63.7499, 48.8916, 68.3644**, and **14.2234, 8.7251, 14.5701** is the 20% darker color. If you saturate the color by 10%, you get **30.7520, 19.7719, 30.7123**, and if you desaturate by 10%, it is **35.9086, 27.9523, 39.0062**.

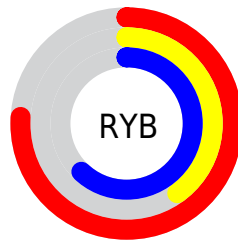
Distribution



Red (76%)

Green (40%)

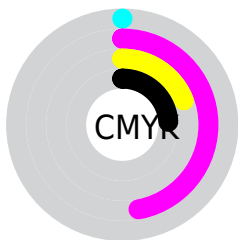
Blue (62%)



Red (76%)

Yellow (40%)

Blue (62%)

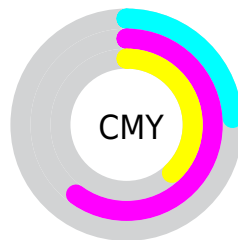


Cyan (0%)

Magenta (47%)

Yellow (19%)

Black (24%)



Cyan (24%)


Magenta (60%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0853, 23.4064, 34.6724 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 33.0853, 23.4064, 34.6724 by changing the saturation by 10% instead.

 33.0853, 23.4064,
34.6724


 33.0853, 23.4064,
34.6724


307.6921,
269.8055, 337.9802

 22.3513, 14.8939,
23.1291

 63.8625, 49.0598,
68.1238


 14.2333, 8.7449,
14.4827


 84.6364, 66.9694,
90.8689

 8.3659, 4.5752,
8.3146


 109.4877, 88.7802,
118.1851

 4.3837, 2.0002,
4.2062

 138.7817,
114.8766, 150.4908

 1.9214, 0.6076,
1.7392

172.8838,
145.6429, 188.2046

 0.5892, 0.0000,
0.3874

212.1593,

 0.0000, 0.0000,

181.4636, 231.7451

0.0000

256.9737,
222.7230, 281.5308

■ 33.0853, 23.4064,
34.6724

■ 33.0853, 23.4064,
34.6724

■ 30.7520, 19.7719,
30.7123

■ 35.9086, 27.9523,
39.0062

■ 28.8744, 16.9821,
27.1099

■ 39.2492, 33.4637,
43.7259

■ 27.4164, 14.9662,
23.8495


■ 43.1346, 39.9942,
48.8447


■ 26.3357, 13.6404,
20.9127


■ 47.5898, 47.5928,
54.3743


■ 25.5719, 12.8858,
18.2752


■ 52.6383, 56.3049,
60.3262

 25.3992, 12.7298,
17.6337

 58.3020, 66.1736,
66.7111

 64.6018, 77.2396,
73.5392

 70.8500, 88.1261,
80.5847

 71.9043, 88.5478,
86.1367

Harmonies

Analogous

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



29.6821, 23.4064, 52.2518



33.0853, 23.4064, 34.6724



33.3173, 23.4064, 19.6376

Triad

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



33.0853, 23.4064, 34.6724



20.0985, 23.4064, 6.6727



15.7813, 23.4064, 50.0401

Complementary

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



33.0853, 23.4064, 34.6724



29.4326, 43.2731, 31.2293

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.



13.9487, 23.4064, 32.3926



33.0853, 23.4064, 34.6724



16.1705, 23.4064, 9.8986

Square

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



33.0853, 23.4064, 34.6724



25.2584, 23.4064, 6.8831



14.0793, 23.4064, 18.0843



19.4852, 23.4064, 63.2079

Rectangle

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



33.0853, 23.4064, 34.6724



31.5941, 23.4064, 12.9793



14.0793, 23.4064, 18.0843



14.9535, 23.4064, 44.1955

Sweetspot

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



33.0860, 23.4075, 34.6729



80.6157, 76.6473, 91.6158



25.1042, 18.8709, 53.3585



17.2798, 16.1492, 19.5907



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.



33.0860, 23.4075, 34.6729



55.5316, 35.5428, 55.3123



29.8807, 22.1254, 17.7939



10.3202, 10.1767, 11.7769



16.7406, 8.3860, 11.8118



0.7567, 0.3757, 0.6860

Inverse Universe

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



33.0860, 23.4075, 34.6729



55.5316, 35.5428, 55.3123



33.5079, 44.9033, 52.6900



10.3202, 10.1767, 11.7769



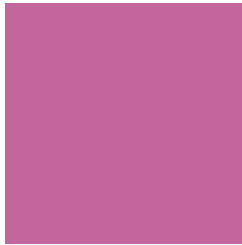
16.7406, 8.3860, 11.8118



0.7567, 0.3757, 0.6860

Previews

White Background



This preview shows how the XYZ color 33.0853, 23.4064, 34.6724 looks on a white background.

Color Contrast Check

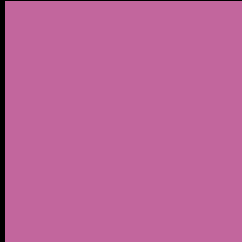
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.0853, 23.4064, 34.6724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

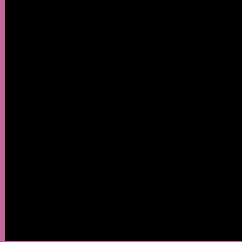
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.0853, 23.4064, 34.6724

Background



This preview shows how black text looks on a background with the XYZ color 33.0853, 23.4064, 34.6724.



This preview shows how white text looks on a background with the XYZ color 33.0853, 23.4064,

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

33.0853, 23.4064, 34.6724

Protanopia

24.1723, 23.7818, 45.4358

Deuteranopia

23.9667, 23.5506, 32.9883



Tritanopia

30.0811, 23.4070, 20.0721

Trichromacy



Original Color

33.0853, 23.4064, 34.6724

Protanomaly

26.3058, 22.8729, 41.0587

Deuteranomaly

26.6498, 23.0351, 33.6135

Tritanomaly

30.9084, 23.2577, 24.6899

Monochromacy



Original Color

33.0853, 23.4064, 34.6724

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.1463, 23.5970, 29.5622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0853, 23.4064, 34.6724 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(194, 102, 157)` looks like.

```
.text, #text, p{  
    color:rgb(194, 102, 157)  
}
```

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(194, 102, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 102, 157) }
```

Border

The CSS property to change the border of an element to XYZ 33.0853, 23.4064, 34.6724 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(194, 102, 157) }
```


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

```
.border{ border-color:rgb(194, 102, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 102, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 102, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 102, 157);  
box-shadow:4px 4px 4px 4px rgb(194, 102,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0853, 23.4064, 34.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 102, 157) }
```

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

```
.background{ background-color: rgb(194,  
102, 157) }
```

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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