

Converting Colors

XYZ(34.5180, 23.0836, 23.5023)

Have a look what the booklet for
XYZ(34.5180, 23.0836, 23.5023)
contains.

XYZ(34.4551, 23.1153, 23.4146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.4551, 23.1153,
23.4146)**

Conversions

Conversions Part 1

Format	Color
Hex	D25D81
RGB	210, 93, 129
RGB Percent	82%, 36%, 51%
CMY	0.1765, 0.6353, 0.4941
CMYK	0.00, 0.56, 0.39, 0.18
HSL	342°, 57%, 59%
HSV	342°, 56%, 82%
XYZ	34.4551, 23.1153, 23.4146
YIQ	132.0870, 58.1760, 36.0000

Conversions

Conversions Part 2

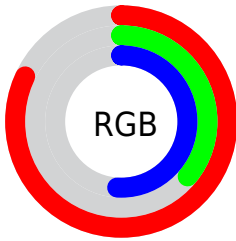
Format	Color
R _Y B	210, 93, 129
Decimal	13786497
CIE Lab	55.19, 49.66, 2.92
CIE LCh	55, 49.741, 3.366
Yxy	23.1153, 0.4255, 0.2854
Android (android.graphics.Color)	4291976577 (0xFFD25D81)
YUV	132.0870, -1.5219, 68.3297
Hunter-Lab	48.0784, 43.7839, 4.7801

Details

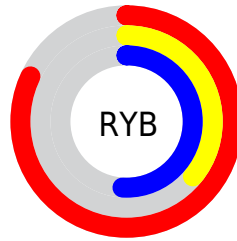
The XYZ color **34.4551, 23.1153, 23.4146** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **35.2020, 51.4768, 48.1281**, and the grayscale version is **21.9549, 23.0983, 25.1540**.

A 20% lighter version of the original color is **60.1172, 45.5048, 49.8708**, and **15.0900, 8.6408, 8.4619** is the 20% darker color. If you saturate the color by 10%, you get **31.9597, 19.5627, 18.1492**, and if you desaturate by 10%, it is **37.5953, 27.7373, 29.5739**.

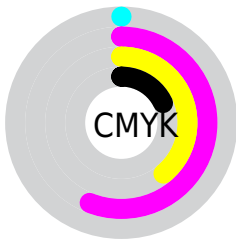
Distribution



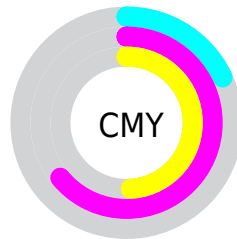
- Red (82%)
- Green (36%)
- Blue (51%)



- Red (82%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (56%)
- Yellow (39%)
- Black (18%)




- Cyan (18%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4551, 23.1153, 23.4146 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 34.4551, 23.1153, 23.4146 by changing the saturation by 10% instead.


 34.4551, 23.1153,
23.4146


 34.4551, 23.1153,
23.4146


313.7069,
268.3166, 283.0380


 23.4080, 14.6787,
14.6918


 65.9804, 48.5826,
50.0050


 15.0174, 8.5942,
8.4591


 87.1892, 66.3820,
68.7097

 8.9180, 4.4774,
4.2982


 112.5160, 88.0712,
91.5787

 4.7444, 1.9441,
1.7903

 142.3262,
114.0345, 119.0306

 2.1313, 0.5747,
0.4215

176.9850,
144.6562, 151.4839

 0.7061, 0.0000,
0.0000

216.8578,

 0.0000, 0.0000,

180.3209, 189.3573

0.0000

262.3100,
221.4129, 233.0691

■ 34.4551, 23.1153,
23.4146

■ 34.4551, 23.1153,
23.4146

■ 31.9597, 19.5627,
18.1492

■ 37.5953, 27.7373,
29.5739

■ 30.0589, 16.9885,
13.7317

■ 41.4216, 33.5028,
36.6669

■ 28.6977, 15.2925,
10.1136

■ 45.9738, 40.4832,
44.7327

■ 27.8084, 14.3501,
7.2392

■ 51.2883, 48.7431,
53.8072

■ 27.5211, 14.0787,
6.2087

■ 57.3987, 58.3427,
63.9249

■ 64.3367, 69.3382,
75.1183

■ 72.1323, 81.7825,
87.4185

■ 78.8677, 91.8334,
100.2066

■ 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



32.9715, 23.1153, 41.5286



34.4551, 23.1153, 23.4146



32.1561, 23.1153, 11.8121

Triad

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



34.4551, 23.1153, 23.4146



16.6026, 23.1153, 7.2869



17.5204, 23.1153, 63.6246

Complementary

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



34.4551, 23.1153, 23.4146



35.2020, 51.4768, 48.1281

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.



14.2008, 23.1153, 46.0267



34.4551, 23.1153, 23.4146



13.7370, 23.1153, 13.7926

Square

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



34.4551, 23.1153, 23.4146



21.3491, 23.1153, 5.3137



12.9375, 23.1153, 27.0081



22.6037, 23.1153, 69.7380

Rectangle

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



34.4551, 23.1153, 23.4146



28.9822, 23.1153, 7.7338



12.9375, 23.1153, 27.0081



16.1919, 23.1153, 58.5732

Sweetspot

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



34.4557, 23.1165, 23.4150



78.2849, 73.6077, 81.3065



32.7708, 21.3618, 63.3687



16.3845, 15.1757, 16.7734



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.



34.4557, 23.1165, 23.4150



48.9168, 29.4219, 26.6601



34.6232, 26.6297, 13.6727



11.9564, 11.8673, 13.0460



16.8273, 8.6037, 3.9966



0.9763, 0.4952, 0.4099

Inverse Universe

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



34.4557, 23.1165, 23.4150



48.9168, 29.4219, 26.6601



34.2489, 43.1830, 67.5027



11.9564, 11.8673, 13.0460



16.8273, 8.6037, 3.9966



0.9763, 0.4952, 0.4099

Previews

White Background



This preview shows how the XYZ color 34.4551, 23.1153, 23.4146 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 34.4551, 23.1153, 23.4146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

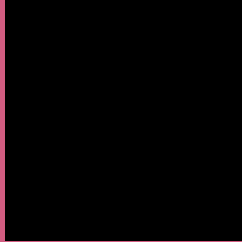
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.4551, 23.1153, 23.4146

Background



This preview shows how black text looks on a background with the XYZ color 34.4551, 23.1153, 23.4146.



This preview shows how white text looks on a background with the XYZ color 34.4551, 23.1153,

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

34.4551, 23.1153, 23.4146

Protanopia

22.9720, 23.4367, 33.0187

Deuteranopia

23.6887, 23.2580, 21.9796



Tritanopia

32.8788, 23.1447, 15.8312

Trichromacy



Original Color

34.4551, 23.1153, 23.4146

Protanomaly

25.6130, 22.2396, 29.3283

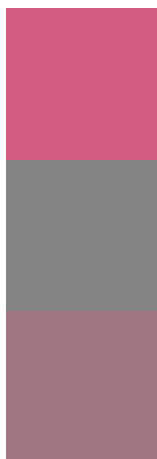
Deuteranomaly

26.6270, 22.4001, 22.3223

Tritanomaly

33.4580, 23.1133, 18.3207

Monochromacy



Original Color

34.4551, 23.1153, 23.4146

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.0724, 22.0691, 24.4110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4551, 23.1153, 23.4146 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(210, 93, 129)` looks like.

```
.text, #text, p{  
    color:rgb(210, 93, 129)  
}
```

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(210, 93, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 93, 129) }
```

Border

The CSS property to change the border of an element to XYZ 34.4551, 23.1153, 23.4146 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(210, 93, 129) }
```


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

```
.border{ border-color:rgb(210, 93, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 93, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 93, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 93, 129);  
box-shadow:4px 4px 4px 4px rgb(210, 93,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4551, 23.1153, 23.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 93, 129) }
```

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

```
.background{ background-color: rgb(210, 93,  
129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor