

Converting Colors

XYZ(23.3084, 22.7914, 34.1810)

Have a look what the booklet for
XYZ(23.3084, 22.7914, 34.1810)
contains.

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Color

**XYZ(23.3084, 22.7914,
34.1810)**

Conversions

Conversions Part 1

Format	Color
Hex	85809B
RGB	133, 128, 155
RGB Percent	52%, 50%, 61%
CMY	0.4784, 0.4980, 0.3922
CMYK	0.14, 0.17, 0.00, 0.39
HSL	251°, 12%, 55%
HSV	251°, 17%, 61%
XYZ	23.3084, 22.7914, 34.1810
YIQ	132.5730, -5.6870, 9.4570

Conversions

Conversions Part 2

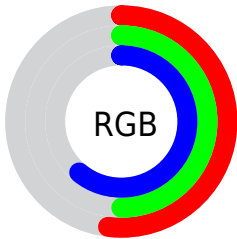
Format	Color
R_{YB}	133, 128, 155
Decimal	8749211
CIE _{Lab}	54.86, 7.55, -13.76
CIE _{LCh}	55, 15.694, 298.744
Yxy	22.7914, 0.2903, 0.2839
Android (android.graphics.Color)	4286939291 (0xFF85809B)
YUV	132.5730, 11.0565, 0.3745
Hunter-Lab	47.7403, 3.6040, -9.0321

Details

The XYZ color **23.3084, 22.7914, 34.1810** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.1960, 31.4858, 25.0143**, and the grayscale version is **22.1024, 23.2535, 25.3231**.

A 20% lighter version of the original color is **48.2822, 48.0903, 67.0592**, and **8.8620, 8.4304, 14.2569** is the 20% darker color. If you saturate the color by 10%, you get **19.5636, 18.0859, 33.4705**, and if you desaturate by 10%, it is **27.6033, 28.2402, 35.0067**.

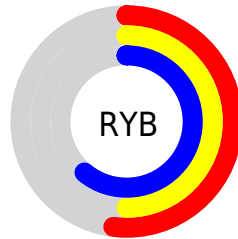
Distribution



Red (52%)

Green (50%)

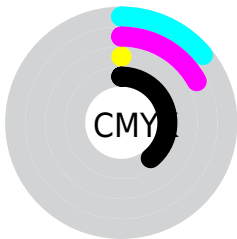
Blue (61%)



Red (52%)

Yellow (50%)

Blue (61%)

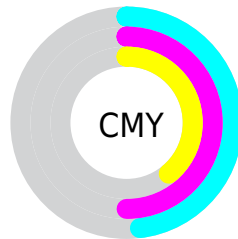


Cyan (14%)

Magenta (17%)

Yellow (0%)

Black (39%)



Cyan (48%)

Magenta (50%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3084, 22.7914, 34.1810 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 23.3084, 22.7914, 34.1810 by changing the saturation by 10% instead.

■ 23.3084, 22.7914,
34.1810

■ 23.3084, 22.7914,
34.1810

261.8109,
266.6518, 335.7321

■ 14.9433, 14.4396,
22.7542

■ 48.3622, 48.0506,
67.3521

■ 8.8657, 8.4270,
14.2085

■ 65.7816, 65.7267,
89.9336

■ 4.7101, 4.3694,
8.1254

■ 86.9498, 87.2797,
117.0703

■ 2.1112, 1.8823,
4.0864

112.2322,
113.0940, 149.1808

■ 0.6953, 0.5377,
1.6729

141.9942,
143.5539, 186.6838

■ 0.0000, 0.0000,
0.3420

176.6011,

■ 0.0000, 0.0000,

179.0440, 229.9976

0.0000

216.4182,
219.9484, 279.5409

■ 23.3084, 22.7914,
34.1810

■ 23.3084, 22.7914,
34.1810

■ 19.5636, 18.0859,
33.4705

■ 27.6033, 28.2402,
35.0067

■ 16.3443, 14.0884,
32.8686

■ 32.4673, 34.4596,
35.9508

■ 13.6272, 10.7653,
32.3703

■ 37.9210, 41.4793,
37.0183

■ 11.3864, 8.0788,
31.9699

■ 43.9836, 49.3264,
38.2134

■ 9.5936, 5.9875,
31.6607

■ 50.6731, 58.0267,
39.5402

■ 8.2175, 4.4451,
31.4356

■ 58.0070, 67.6050,
41.0024

■ 7.2221, 3.3981,
31.2859

■ 66.0019, 78.0849,
42.6039

■ 6.5543, 2.7599,
31.1979

■ 74.6740, 89.4894,
44.3481

■ 6.4147, 2.6234,
31.1789

■ 79.9194, 93.6015,
44.8654

Harmonies

Analogous

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



21.5894, 22.7914, 35.6577



23.3084, 22.7914, 34.1810



24.6444, 22.7914, 30.1163

Triad

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



23.3084, 22.7914, 34.1810



23.4418, 22.7914, 17.5054



18.4926, 22.7914, 24.6069

Complementary

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



23.3084, 22.7914, 34.1810



28.1960, 31.4858, 25.0143

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.



18.9315, 22.7914, 20.1771



23.3084, 22.7914, 34.1810



21.7358, 22.7914, 16.4301

Square

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



23.3084, 22.7914, 34.1810



24.7243, 22.7914, 20.4952



20.0960, 22.7914, 17.3398



18.8646, 22.7914, 29.7050

Rectangle

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



23.3084, 22.7914, 34.1810



25.1055, 22.7914, 26.7300



20.0960, 22.7914, 17.3398



18.5497, 22.7914, 22.9956

Sweetspot

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



23.3091, 22.7923, 34.1815



51.3630, 53.0341, 63.0658



25.7335, 28.7850, 35.2104



11.5014, 11.8453, 14.2506



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.3091, 22.7923, 34.1815



38.9505, 37.2977, 60.6826



25.5705, 23.9581, 34.2873



5.9859, 6.0786, 7.7868



5.1772, 2.1200, 25.0440



0.1006, 0.0437, 0.3755

Inverse Universe

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



26.7425, 24.6098, 32.1958



46.3264, 41.2042, 56.3255



25.8612, 30.2821, 24.9051



6.4121, 6.3040, 7.5505



13.9108, 6.8186, 16.5872



0.2192, 0.1064, 0.3074

Previews

White Background



This preview shows how the XYZ color 23.3084, 22.7914, 34.1810 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 23.3084, 22.7914, 34.1810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

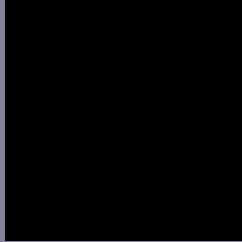
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.3084, 22.7914, 34.1810

Background



This preview shows how black text looks on a background with the XYZ color 23.3084, 22.7914, 34.1810.



This preview shows how white text looks on a background with the XYZ color 23.3084, 22.7914,

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

23.3084, 22.7914, 34.1810

Protanopia

22.5876, 22.8012, 34.6631

Deuteranopia

23.1513, 22.7104, 34.1737



Tritanopia

22.1504, 22.7136, 28.4160

Trichromacy



Original Color

23.3084, 22.7914, 34.1810

Protanomaly

22.9043, 22.7679, 34.6400

Deuteranomaly

23.1513, 22.7104, 34.1737

Tritanomaly

22.5543, 22.6814, 30.3833

Monochromacy



Original Color

23.3084, 22.7914, 34.1810

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.5969, 23.1422, 28.4752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3084, 22.7914, 34.1810 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(133, 128, 155)` looks like.

```
.text, #text, p{  
    color:rgb(133, 128, 155)  
}
```

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(133, 128, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 128, 155) }
```

Border

The CSS property to change the border of an element to XYZ 23.3084, 22.7914, 34.1810 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(133, 128, 155) }
```


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

```
.border{ border-color:rgb(133, 128, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 128, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 128, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 128, 155);  
box-shadow:4px 4px 4px 4px rgb(133, 128,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3084, 22.7914, 34.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 128, 155) }
```

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

```
.background{ background-color: rgb(133,  
128, 155) }
```

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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