

Converting Colors

XYZ(23.2088, 22.3566, 34.1024)

Have a look what the booklet for
XYZ(23.2088, 22.3566, 34.1024)
contains.

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Color

**XYZ(23.2088, 22.3566,
34.1024)**

Conversions

Conversions Part 1

Format	Color
Hex	867E9B
RGB	134, 126, 155
RGB Percent	53%, 49%, 61%
CMY	0.4745, 0.5059, 0.3922
CMYK	0.14, 0.19, 0.00, 0.39
HSL	257°, 13%, 55%
HSV	257°, 19%, 61%
XYZ	23.2088, 22.3566, 34.1024
YIQ	131.6980, -4.5410, 10.7150

Conversions

Conversions Part 2

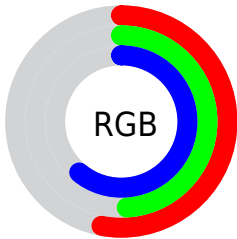
Format	Color
RYB	134, 126, 155
Decimal	8814235
CIELab	54.40, 9.06, -14.44
CIElCh	54, 17.042, 302.096
Yxy	22.3566, 0.2913, 0.2806
Android (android.graphics.Color)	4287004315 (0xFF867E9B)
YUV	131.6980, 11.4879, 2.0189
Hunter-Lab	47.2828, 4.8721, -9.6646

Details

The XYZ color **23.2088, 22.3566, 34.1024** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **27.5206, 31.1527, 24.3022**, and the grayscale version is **21.7852, 22.9197, 24.9596**.

A 20% lighter version of the original color is **48.1222, 47.4084, 66.9360**, and **8.8087, 8.1920, 14.2137** is the 20% darker color. If you saturate the color by 10%, you get **19.6833, 17.8218, 33.4133**, and if you desaturate by 10%, it is **27.2327, 27.6054, 34.9038**.

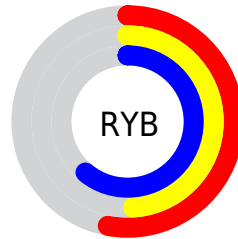
Distribution



Red (53%)

Green (49%)

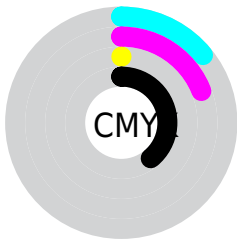
Blue (61%)



Red (53%)

Yellow (49%)

Blue (61%)

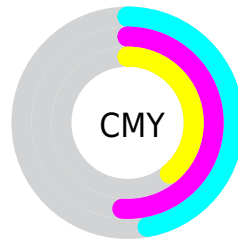


Cyan (14%)

Magenta (19%)

Yellow (0%)

Black (39%)



Cyan (47%)

Magenta (51%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2088, 22.3566, 34.1024 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 23.2088, 22.3566, 34.1024 by changing the saturation by 10% instead.

■ 23.2088, 22.3566,
34.1024

■ 23.2088, 22.3566,
34.1024

261.3110,
264.4029, 335.3715

■ 14.8693, 14.1192,
22.6943

■ 48.2001, 47.3347,
67.2286

■ 8.8134, 8.2036,
14.1648

■ 65.5826, 64.8441,
89.7837

■ 4.6758, 4.2255,
8.0953

■ 86.7101, 86.2130,
116.8917

■ 2.0911, 1.8005,
4.0673

111.9481,
111.8257, 148.9709

■ 0.6844, 0.4875,
1.6624

141.6618,
142.0667, 186.4399

■ 0.0000, 0.0000,
0.3347

176.2166,

■ 0.0000, 0.0000,

177.3202, 229.7173

0.0000

215.9779,
217.9709, 279.2217

■ 23.2088, 22.3566,
34.1024

■ 23.2088, 22.3566,
34.1024

■ 19.6833, 17.8218,
33.4133

■ 27.2327, 27.6054,
34.9038

■ 16.6342, 13.9670,
32.8299

■ 31.7717, 33.5946,
35.8206

■ 14.0407, 10.7594,
32.3475

■ 36.8444, 40.3528,
36.8577

■ 11.8798, 8.1626,
31.9601

■ 42.4677, 47.9062,
38.0193

■ 10.1261, 6.1364,
31.6615

■ 48.6578, 56.2798,
39.3093

■ 8.7515, 4.6355,
31.4442

■ 55.4303, 65.4974,
40.7315

■ 7.7240, 3.6077,
31.3000

■ 62.8000, 75.5819,
42.2896

■ 6.9857, 2.9501,
31.2120

■ 70.7812, 86.5552,
43.9870

■ 6.9025, 2.8749,
31.2018

■ 75.9450, 91.5527,
44.6794

Harmonies

Analogous

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



21.3805, 22.3566, 36.0933



23.2088, 22.3566, 34.1024



24.5727, 22.3566, 29.4630

Triad

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



23.2088, 22.3566, 34.1024



22.9691, 22.3566, 16.3594



17.8687, 22.3566, 24.7194

Complementary

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



23.2088, 22.3566, 34.1024



27.5206, 31.1527, 24.3022

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.



18.2399, 22.3566, 19.8526



23.2088, 22.3566, 34.1024



21.1186, 22.3566, 15.4668

Square

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



23.2088, 22.3566, 34.1024



24.4287, 22.3566, 19.2911



19.4033, 22.3566, 16.6488



18.3584, 22.3566, 30.2068

Rectangle

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



23.2088, 22.3566, 34.1024



24.9962, 22.3566, 25.7799



19.4033, 22.3566, 16.6488



17.8969, 22.3566, 22.9597

Sweetspot

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



23.2095, 22.3575, 34.1029



50.7866, 52.0875, 62.9134



24.9966, 27.7534, 35.0502



11.3895, 11.6506, 14.2189



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.



23.2095, 22.3575, 34.1029



39.1134, 36.8710, 60.5916



25.6329, 23.6069, 34.2163



6.0365, 6.1047, 7.7891



5.5770, 2.3261, 25.0627



0.1151, 0.0511, 0.3762

Inverse Universe

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



26.2456, 23.9978, 30.8534



45.4975, 40.3222, 53.6573



25.1240, 29.9172, 24.1901



6.3885, 6.2946, 7.4259



13.2341, 6.5479, 13.0236



0.2129, 0.1039, 0.2740

Previews

White Background



This preview shows how the XYZ color 23.2088, 22.3566, 34.1024 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 23.2088, 22.3566, 34.1024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

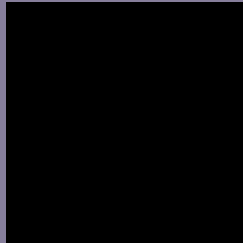
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.2088, 22.3566, 34.1024

Background



This preview shows how black text looks on a background with the XYZ color 23.2088, 22.3566, 34.1024.



This preview shows how white text looks on a background with the XYZ color 23.2088, 22.3566,

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

23.2088, 22.3566, 34.1024

Protanopia

22.2482, 22.4199, 35.0532

Deuteranopia

22.8658, 22.3706, 34.1231



Tritanopia

21.8705, 22.3899, 27.5951

Trichromacy



Original Color

23.2088, 22.3566, 34.1024

Protanomaly

22.6220, 22.4278, 34.5892

Deuteranomaly

23.0215, 22.4508, 34.1304

Tritanomaly

22.3457, 22.3882, 29.9317

Monochromacy



Original Color

23.2088, 22.3566, 34.1024

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3891, 22.8453, 28.0405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2088, 22.3566, 34.1024 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(134, 126, 155)` looks like.

```
.text, #text, p{  
    color:rgb(134, 126, 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(134, 126, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 126, 155) }
```

Border

The CSS property to change the border of an element to XYZ 23.2088, 22.3566, 34.1024 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(134, 126, 155) }
```


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

```
.border{ border-color:rgb(134, 126, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 126, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 126, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 126, 155);  
box-shadow:4px 4px 4px 4px rgb(134, 126,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2088, 22.3566, 34.1024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 126, 155) }
```

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

```
.background{ background-color: rgb(134,  
126, 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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